

Durability, Power, and Over 30 Years of Expertise.

Digital Product Catalog

www.manpet.com

About Manpet

Since 1993, our company has been steadily advancing in the production of lubricants, with an annual production capacity of over 17,000 tons.

We serve our customers with a solution-oriented approach that follows quality standards and environmental responsibility.

Heavy Vehicle

MANPET FLAVIA 10W/40

API CI-4, ACEA E6/E7-16(2016), MB-Approval 228.51, MAN M3477, MTU Type 3.1, Volvo VDS-3, Renault Trucks RLD-2, Mack EO-N, Cummins CES 20076/20077, CAT...

PAXTON 15W/40 API CH-4

API CH-4, SJ ACEA E7-12 (2012), CH-4, CG-4, CF-4, API CF, SJ, RENAULT TRUCK RLD-2, CUMMINS CES 2007, DETROIT DIESEL DDC 93K215, MACK EO-N, CUMMINS CES...

PAXTON 15W/40 API CF-4

API CF-4, ACEA 96 ISSUE 5(2007) CF-4, CF-2-SF. MB-Approval 228.1-MB 228.0 MAN 270-MAN 271

PAXTON 20W/50 API CF-4

API CF-4, ACEA E2-96 ISSUE 5-2007, MB APPROVAL 228.0, MAN 270, MTU TYPE-1, JASO MA, KOLOMNA M-14D2

PAXTON 20W/50 API-CD

API CF-4, ACEA 96 ISSUE 5(2007) CF-4, CF-2-SF. MB-Approval 228.1-MB 228.0 MAN 270-MAN 271

MANPET FLAVIA 10W/40

Heavy Vehicle | FLAVIA10W40

This new generation full synthetic 10W-40 engine oil is designed to provide excellent lubrication for modern heavy-duty diesel engines equipped with particulate filters and SCR systems, compliant with Euro I, II, III, IV, V & VI standards. Thanks to its new generation additives and low-ash (low sulfate ash) formulation, it ensures superior engine protection and extended oil change intervals. MANPET FLAVIA FULL SYNTHETIC 10W-40 is a high-performance diesel engine oil developed for modern, high-performance, low-emission diesel engines operating under severe conditions. It offers excellent fluidity at low temperatures, viscosity retention at high temperatures, and vaporization control thanks to its high-performance additive package and synthetic base oils. It helps extend the life and maintain the efficiency of emission reduction systems such as Diesel Particulate Filters (DPF). Its special formulation reduces oil consumption by approximately 50% compared to industrial standards. It ensures piston and cylinder cleanliness beyond normal limits, provides superior engine protection even under harsh climate and road conditions, and offers long oil drain intervals. It delivers full protection with high corrosion resistance and exceptional performance even when using high-sulfur fuel.



Available Packages: **20 Litre**

Performance

API CI-4, ACEA E6/E7-16(2016), MB-Approval 228.51, MAN M3477, MTU Type 3.1, Volvo VDS-3, Renault Trucks RLD-2, Mack EO-N, Cummins CES 20076/20077, CAT ECF-1-a, Deutz DQC III-10 LA, Scania Low Ash

Typical Properties

Viscosity Grade	-	**10W/40**
Viscosity at 100 °C (Min)	**mm²/s**	**12.5**
Viscosity at 100 °C (Max)	**mm²/s**	**16.3**
Flash Point (Min)	**°C**	**175**
Pour Point (Max)	**°C**	**-27**

PAXTON 15W/40 API CH-4

Heavy Vehicle | PAXTON12W40CH4

High-performance premium quality turbo diesel engine oil. It is formulated by blending high-quality paraffinic base oils with next-generation additives. MANPET PAXTON 15W-40 is a turbocharged diesel-gasoline engine oil. It is designed for all turbocharged, high-power, four-stroke diesel engines in heavy-duty vehicles and machinery, and for long-haul diesel and gasoline vehicles operating under severe conditions. It ensures extended service life and high performance provided by modern additives. Prevents deposit formation in turbocharged engines. Keeps the engine clean. Protects the engine's value by preventing wear. Provides outstanding performance and complete protection in exhaust emission systems with DPF, along with long drain intervals.



Available Packages: **20 Litre**

Performance

API CH-4, SJ ACEA E7-12 (2012), CH-4, CG-4, CF-4, API CF, SJ, RENAULT TRUCK RLD-2, CUMMINS CES 2007, DETROIT DIESEL DDC 93K215, MACK EO-N, CUMMINS CES 20077, MB-228.3, MACK EO-M PLUS, CAT ECF-1A, VOLVO VDS-3, MAN M 3275, MTU TYPE2

Typical Properties

Viscosity Grade	-	**15W/40**
Viscosity at 100 °C (Min)	**mm²/s**	**12.5**
Viscosity at 100 °C (Max)	**mm²/s**	**16.3**
Flash Point (Min)	**°C**	**175**
Pour Point (Max)	**°C**	**-24**

PAXTON 15W/40 API CF-4

Heavy Vehicle | PAXTON15W40CF4

MANPET PAXTON / High-performance 15W-40 engine oil formulated with premium quality mineral base oils and next-generation advanced additives. It is suitable for turbocharged diesel and gasoline engines. Specially developed for heavy-duty vehicles and work machines with turbocharged, high-powered four-stroke diesel engines under severe operating conditions and for long-distance journeys. Provides extended service life and superior engine protection. Prevents deposit formation in turbocharged engines, keeps the engine clean, and protects against wear, maintaining engine performance.



Available Packages: **14 Litre, 10 Litre**

Performance

API CF-4, ACEA 96 ISSUE 5(2007) CF-4, CF-2-SF. MB-Approval 228.1-MB 228.0 MAN 270-MAN 271

Typical Properties

Viscosity Grade	-	**10W/40**
Viscosity at 100 °C (Minimum)	**Mn^2/s**	**12.5**
Viscosity at 100 °C (Maximum)	**Mn^2/s**	**16.3**
Flash Point (Minimum)	**°C**	**175**
Pour Point (Maximum)	**°C**	**-24**

PAXTON 20W/50 API CF-4

Heavy Vehicle | PAXTON20W50APICF4

Thanks to high-quality base oils and new-generation high-performans additives, it prevents oxidation and corrosion in bearings. Suitable for use in all diesel and gasoline vehicles. It is a four-season engine oil produced with special additive packages added to paraffinic base oils for high-speed diesel engines. With the help of detergent-dispersant additives, it prevents sludge and deposit formation under hot and cold conditions, keeping the engine clean. Provides easy starting in cold weather and effective lubrication in hot conditions. Even under the toughest working conditions, it helps maintain optimal pressure and does not foam. Neutralizes combustion residue acids to prevent corrosion. High oxidation resistance prevents metal deposit formation. Anti-wear additives form a protective film on metal surfaces to prevent wear.



Available Packages: **14 Litre, 9 Litre**

Performance

API CF-4, ACEA E2-96 ISSUE 5-2007, MB APPROVAL 228.0, MAN 270, MTU TYPE-1, JASO MA, KOLOMNA M-14D2

Typical Properties

Viscosity Grade	-	**20W/50**
Viscosity at 100 °C (Min)	**mm²/s**	**16.3**
Viscosity at 100 °C (Max)	**mm²/s**	**21.9**
Flash Point (Min)	**°C**	**180**
Pour Point (Max)	**°C**	**-21**

PAXTON 20W/50 API-CD

Heavy Vehicle | PAXTON20W50APICD

MANPET / EXTRA ECONOMY 20W-50 engine oil is suitable for use in all gasoline and diesel vehicles. It is formulated with high-quality base oils and high-performance additives that prevent oxidation and bearing corrosion. It also contains viscosity stabilizers, anti-wear, rust and corrosion inhibitors. It is especially recommended for turbocharged and supercharged diesel engines operating under medium and heavy conditions, including those using high-sulfur fuels and indirect injectors. MANPET / EXTRA ECONOMY 20W-50 is a multigrade engine oil suitable for use in all gasoline and diesel vehicles where API-CD specifications are recommended.



Available Packages: **14 Litre**

Performance

API CF-4, ACEA 96 ISSUE 5(2007) CF-4, CF-2-SF. MB-Approval 228.1-MB 228.0 MAN 270-MAN 271

Typical Properties

Viscosity Grade	-	**20W/50**
Viscosity at 100 °C (Minimum)	**mm²/s**	**16.3**
Viscosity at 100 °C (Maximum)	**mm²/s**	**21.9**
Flash Point (Minimum)	**°C**	**180**
Pour Point (Maximum)	**°C**	**-21**

Light Commercial

PAXTON 5W/30

API SM / SL / CF, ACEA A5 / B5 / C3-08, VW 502.00 / 505.00 / 505.01, MB 229.51 • GM Dexos 2, BMW LL-04 • PORSCHE

PAXTON 10W/40

API CH-4, SJ ACEA E7-12 (2012), CH-4, CG-4, CF-4, API CF, SJ, RENAULT TRUCK RLD-2, CUMMINS CES 2007, DETROIT DIESEL DDC 93K215, MACK EO-N, CUMMINS CES...

PAXTON 10W/30

API SL/CF

PAXTON 5W/30

Light Commercial | PAXTON5W30

MANPET PAXTON 5W/30 is a synthetic engine oil that delivers high performance in new-generation gasoline and diesel passenger vehicles compatible with Diesel Particulate Filters (DPF). It provides extended oil change intervals and fuel economy thanks to its high thermal and oxidation resistance.



Available Packages: **4 Litre, 0.9 Litre**

Performance

API SM / SL / CF, ACEA A5 / B5 / C3-08, VW 502.00 / 505.00 / 505.01, MB 229.51 • GM Dexos 2, BMW LL-04 • PORSCHE

Typical Properties

Viscosity Grade	-	**5W/30**
Viscosity at 100 °C (Minimum)	**mm²/s**	**10.7**
Viscosity Index	**-**	**159**
Flash Point (Minimum)	**°C**	**224**
Density at 15 °C, g/ml	**g/ml**	**0.86**

PAXTON 10W/40

Light Commercial | PAXTON10W40

High-performance, premium-quality turbo diesel engine oil. Formulated by blending high-quality paraffinic base oils with new-generation advanced additives. MANPET PAXTON 15W-40 is suitable for turbocharged diesel and gasoline engines. Designed for use in all turbocharged, high-powered, four-stroke diesel engines in heavy-duty vehicles and construction machinery under harsh working conditions, as well as in long-haul diesel and gasoline vehicles. Provides extended service life thanks to the superior performance of new-generation additives. Prevents deposit formation in turbocharged engines, keeps the engine clean, and protects engine value by reducing wear. Ensures exceptional performance and full protection in exhaust emission systems equipped with DPF and offers long drain intervals.



Available Packages: **4 Litre, 0.9 Litre**

Performance

API CH-4, SJ ACEA E7-12 (2012), CH-4, CG-4, CF-4, API CF, SJ, RENAULT TRUCK RLD-2, CUMMINS CES 2007, DETROIT DIESEL DDC 93K215, MACK EO-N, CUMMINS CES 20077, MB-228.3, MACK EO-M PLUS, CAT ECF-1A, VOLVO VDS-3, MAN M 3275, MTU TYPE2

Typical Properties

Viscosity Grade	-	**15W/40**
Viscosity at 100 °C (Minimum)	**mm²/s**	**12.5**
Viscosity at 100 °C (Maximum)	**mm²/s**	**16.3**
Flash Point (Minimum)	**°C**	**175**
Pour Point (Maximum)	**°C**	**-24**

PAXTON 10W/30

Light Commercial | PAXTON10W30

Thanks to its synthetic technology, MANPET PAXTON 10W-30 provides exceptional engine protection and outstanding performance under all road conditions. It prevents wear caused by friction, especially at engine start-up, by forming a continuous oil film on the surfaces.



Available Packages: **4 Litre, 0.9 Litre**

Performance

API SL/CF

Typical Properties

Viscosity Grade	-	**10W/30**
Viscosity at 100 °C (Minimum)	**mm²/s**	**10.7**
Viscosity Index	**-**	**149**
Flash Point (Minimum)	**°C**	**224**
Density at 15 °C, g/ml	**°C**	**0.86**

Passenger Car

FLAVIA 0W/20

API SM / CF, ACEA A3 / B4-04, VW 502.00 / 505.00, MB 229.3, RENAULT RN 700 / 710, GM LL-B-025, BMW LL-98, PORSCHE

FLAVIA 5W/30

API SL-CF, ACEA A3/B4-08, ACEA A3/B3-16, MB DAIMLER 229.1, VOLKSWAGEN VW50101/50500, JASO MA2-2016

ETTORE 5W/30

API SL-CF, ACEA A3/B4-08, ACEA A3/B3-16, MB DAIMLER 229.1, VOLKSWAGEN VW50101/50500, JASO MA2-2016

ETTORE 10W/40

API SL-CF, ACEA A3/B4-08, ACEA A3/B3-16, MB DAIMLER 229.1, VOLKSWAGEN VW50101/50500, JASO MA2-2016

PAXTON 15W/40

SL - CF

PAXTON 20W/50

SL - CF

FLAVIA 0W/20

Passenger Car | FLAVIA0W20

MANPET FLAVIA 0W-20 is a fully synthetic engine oil formulated by blending synthetic and high-quality base oils with advanced additive technology to meet the lubrication needs of naturally aspirated and turbocharged engines. It is recommended for use in gasoline, diesel, and LPG-powered passenger cars, light trucks, and vans. Not suitable for Diesel Particulate Filters (DPF) or catalytic converters (CAT) in gasoline vehicles.



Available Packages: **4 Litre, 0.9 Litre**

Performance

API SM / CF, ACEA A3 / B4-04, VW 502.00 / 505.00, MB 229.3, RENAULT RN 700 / 710, GM LL-B-025, BMW LL-98, PORSCHE

Typical Properties

Viscosity Grade	-	**0W/20**
Viscosity at 100 °C (Minimum)	**mm²/s**	**6.9**
Viscosity at 100 °C (Maximum)	**mm²/s**	**9.3**
Flash Point (Minimum)	**°C**	**200**
Pour Point (Maximum)	**°C**	**-35**

FLAVIA 5W/30

Passenger Car | FLAVIA5W30

This synthetic engine oil is formulated to help extend the life and maintain the efficiency of exhaust emission reduction systems in new-generation diesel and gasoline cars. It is suitable for use in gasoline and diesel passenger cars and light commercial vehicles. It is a synthetic-based, high-performance, low-ash engine oil. Provides long life without oil thickening or degradation due to oxidation at high temperatures. Ensures excellent fluidity at low temperatures for easy starting and fast oil circulation during winter conditions. MANPET ETTORE 10W/40 synthetic engine oil is developed to meet the latest specifications required for new generation engines. It is fully compatible with DPF (Diesel Particulate Filter) and gasoline catalytic converters.



Available Packages: **4 Litre, 0.9 Litre**

Performance

API SL-CF, ACEA A3/B4-08, ACEA A3/B3-16, MB DAIMLER 229.1, VOLKSWAGEN VW50101/50500, JASO MA2-2016

Typical Properties

Viscosity Grade	-	**5W/30**
Viscosity at 100 °C (Minimum)	**mm²/s**	**12.5**
Viscosity at 100 °C (Maximum)	**mm²/s**	**16.3**
Flash Point (Minimum)	**°C**	**175**
Pour Point (Maximum)	**°C**	**-27**

ETTORE 5W/30

Passenger Car | ETTORE5W30

Synthetic engine oil formulated to help extend the life and maintain the efficiency of exhaust emission reduction systems in new-generation diesel and gasoline vehicles. Suitable for use in gasoline and diesel passenger cars and light commercial vehicles. It is a synthetic-based, high-performance, low-ash engine oil. Provides longer service life at high temperatures without oil thickening or degradation due to oxidation. Ensures excellent fluidity at low temperatures, providing easy start-up and rapid oil circulation in winter conditions. MANPET ETTORE 10W/40 is a synthetic engine oil developed to meet the latest specifications required by modern vehicle engines. It is also fully compatible with DPF (Diesel Particulate Filter) and gasoline catalytic converters.



Available Packages: **4 Litre, 0.9 Litre**

Performance

API SL-CF, ACEA A3/B4-08, ACEA A3/B3-16, MB DAIMLER 229.1, VOLKSWAGEN VW50101/50500, JASO MA2-2016

Typical Properties

Viscosity Grade	-	**10W/40**
Viscosity at 100 °C (Minimum)	**mm²/s**	**12.5**
Viscosity at 100 °C (Maximum)	**mm²/s**	**16.3**
Flash Point (Minimum)	**°C**	**175**
Pour Point (Maximum)	**°C**	**-27**

ETTORE 10W/40

Passenger Car | ETTORE10W40

This synthetic engine oil is formulated to extend the life and maintain the efficiency of exhaust emission reduction systems in new-generation diesel and gasoline vehicles. Suitable for use in passenger cars and light commercial vehicles with gasoline and diesel engines. It is a synthetic-based, high-performance, low-ash engine oil. Provides longer service life at high temperatures without oil thickening or deterioration due to oxidation. Ensures excellent fluidity at low temperatures, offering easy cold starts and rapid oil circulation in the engine. MANPET ETTORE 10W/40 is developed to meet the latest specifications required for modern engines. Fully compatible with DPF (Diesel Particulate Filter) and gasoline catalytic converters.



Available Packages: **4 Litre, 0.9 Litre**

Performance

API SL-CF, ACEA A3/B4-08, ACEA A3/B3-16, MB DAIMLER 229.1, VOLKSWAGEN VW50101/50500, JASO MA2-2016

Typical Properties

Viscosity Grade	-	**10W/40**
Viscosity at 100 °C (Minimum)	**mm²/s**	**12.5**
Viscosity at 100 °C (Maximum)	**mm²/s**	**16.3**
Flash Point (Minimum)	**°C**	**175**
Pour Point (Maximum)	**°C**	**-27**

PAXTON 15W/40

Passenger Car | PAXTON15W40

MANPET PAXTON 15W/40 engine oil is suitable for all diesel and petrol vehicles. Thanks to high-quality base oils and next-generation high-performance additives, it prevents oxidation and potential corrosion in bearings. Contains additives that prevent wear, rust, and corrosion, and is suitable for indirect injection, high-sulfur fuel, turbocharged and supercharged diesel engines operating under heavy and medium conditions. It is a multigrade oil that can be used in all gasoline and diesel vehicles where API-CF specification is recommended.



Available Packages: **4 Litre**

Performance

SL - CF

Typical Properties

Viscosity Grade	-	**15W/40**
Viscosity at 100 °C (Minimum)	**mm²/s**	**12.5**
Viscosity at 100 °C (Maximum)	**mm²/s**	**16.3**
Flash Point (Minimum)	**°C**	**175**
Pour Point (Maximum)	**°C**	**-24**

PAXTON 20W/50

Passenger Car | PAXTON 20W50

MANPET PAXTON 20W/50 engine oil is suitable for use in all diesel and gasoline vehicles. Thanks to its high-quality base oils and new generation high-performance additives, it prevents oxidation and bearing corrosion. It contains anti-wear, anti-rust, and anti-corrosion performance additives, and is used in indirect-injection, turbocharged, and supercharged diesel engines operating under heavy and medium conditions and using high-sulfur fuel. It is a multigrade engine oil that can be used in all gasoline and diesel vehicles where API-CF specifications are recommended.



Available Packages: **4 Litre, 0.9 Litre**

Performance

SL - CF

Typical Properties

Viscosity Grade	-	**20W/50**
Viscosity at 100 °C (Minimum)	**mm²/s**	**16.3**
Viscosity at 100 °C (Maximum)	**mm²/s**	**21.9**
Flash Point (Minimum)	**°C**	**180**
Pour Point (Maximum)	**°C**	**-21**

Transmission Oils

AGRIMOTOR TULLIA 422

John Deere J20C, J20D. Volvo WB101. Ford M2C134D,M2C86 (A&B), M2C134 (A&C), M2C41B. J.I. Case/Case international MS-1204, 1206, 1207, 1209. CNH MAT 35...

AGRIMOTOR TULLIA 10W/30

John Deere J20C, J20D. Volvo WB101. Ford M2C134D, M2C86 (A&B), M2C134 (A&C), M2C41B. J.I. Case/Case International MS-1204, 1206, 1207, 1209. CNH MAT 3...

AGRIMOTOR TULLIA 20W/30

John Deere J20C, J20D. Volvo WB101. Ford M2C134D, M2C86 (A&B), M2C134 (A&C), M2C41B. J.I. Case/Case International MS-1204, 1206, 1207, 1209. CNH MAT 3...

AGRIMOTOR TULLIA 20W/40

AGCOPOWEFLUID 821XL. Ford-ESN-M2C86-B-M2C86-C. Case New Holland CNH-MAT3525 (NHA-2-C201.00 =M2C134D) CNH-MAT35226 (FNHA-2-C-200.00). White-Farm (AGCO)...

FLAVIA FULL SYNTHETIC GEAR OIL 75W/80 GL-4

API GL-4 API MT-1 MAN 341 Z1- MAN 341 Z2 -MAN 341 E2 -ZF TE-ML 02A - ZF TE-ML 02B -ZF TE-ML 08 -ZF TE-ML 17A.Scania STO:2:G. MB.235.5

FLAVIA FULL SYNTHETIC GEAR OIL 75W/90 GL-4

API GL-4, API MT-1, MAN 341 Z1, MAN 341 Z2, MAN 341 E2, ZF TE-ML 02A, ZF TE-ML 02B, ZF TE-ML 08, ZF TE-ML 17A, Scania STO:2:G, MB.235.5

TULLIA GEAR OIL 85W/140 GL-5

API GL-5, MAN 342 TYPE M2, SCANIA STO1:0, ZF TE-ML 05A, ZF TE-ML 07A, TE-ML 08, ZF TE-ML 12E, ZF TE-ML 16B, ZF TE-ML 16C, ZF TE-ML 16D, ZF TE-ML 17B,...

TULLIA GEAR OIL 80W/90GL-5

API GL-5, MAN 342 TYPE M2, SCANIA STO1:0, ZF TE-ML 05A, ZF TE-ML 07A, TE-ML 08, ZF TE-ML 12E, ZF TE-ML 16B, ZF TE-ML 16C, ZF TE-ML 16D, ZF TE-ML 17B,...

Tullia Gear Oil EP-80 GL-4

API GL-4, API MT-1, MAN 341-Z1, MAN 342-Z2, MB 235, ZF-02A, ZF-02B, ZF-17A

Tullia Retarder Oil

Allison TES-228 C-4, Allison TES-389, Ford pre-2005, GM 11D, IIE, GM IIIG, GM Dexron IIIH, MB-Approval 236.9, MAN 339 Z1, VI, ZF TE-ML 04D / 14A / 17C

AGRIMOTOR TULLIA 422

Transmission Oils | AGRIMOTORTULLIA422

MANPET TULLIA AGRIMOTOR 422 is a high-performance, multi-purpose tractor transmission oil designed to meet the powertrain and hydraulic oil requirements of new generation tractors. It is formulated for use in the powertrains, drivetrains, hydraulic systems, and especially oil-bath brake systems of tractors and other farming equipment used in agriculture and industry. It is suitable for topping up or new fill applications. It provides stable braking performance by preventing noise and squealing in wet brake systems. It contains high-performance base oils and an advanced additive system for gear powertrains and final drive units used in heavy-duty service and subjected to high loads. The new-generation technology offers higher performance, increased efficiency, and reduced operational costs in heavy-duty agricultural vehicles and mobile equipment. It provides friction control in power transmission and hydraulic systems, wear prevention, viscosity stability, rust, and corrosion protection. It delivers superior performance in power transmission components, drive axles, clutches, PTOs, and hydraulic systems of mobile equipment, ensuring long clutch life, effective braking, and safe operation even under extreme conditions and tough terrains.



Available Packages: **16 Litre**

Performance

John Deere J20C, J20D. Volvo WB101. Ford M2C134D,M2C86 (A&B), M2C134 (A&C), M2C41B. J.I. Case/Case international MS-1204, 1206, 1207, 1209. CNH MAT 3525/3526. NH410B, NH420A. New Holland 82948718. I.H.C B5 & B-6 Hydran. White Q-1705/1722/1766/1766B (UHTF)/1802/1826. Oliver Type 55/Type 5J/Q1802.Valtra G2-08 and G2-B10. Kubota UDT Fluid. JCMAS HK P-041. Massey Ferguson CMS M1135, CMS M1143, CMS M1145. Allson C-4. API GL-4. Caterpillar TO-2. Denison (Pump only) HF-(0 thru 2). Sperry Vickers/Eaton I-280-S & M2950S. Sauer Sunstrand/Danfoss Hydro Static Trans Fluid.

Typical Properties

Viscosity Grade Viscosity Grade	-	**10W/30**
Viscosity at 100 °C (Minimum) Viscosity at 100 °C (Minimum)	**Mn²/s**	**9.3**
Viscosity at 100 °C (Maximum) Viscosity at 100 °C (Maximum)	**Mn²/s**	**12.5**
Flash Point (Minimum) Flash Point (Minimum)	**°C**	**175**
Pour Point (Maximum)	**°C**	**-12**

AGRIMOTOR TULLIA 10W/30

Transmission Oils | AGRIMOTORTULLIA10W/30

MANPET TULLIA AGRIMOTOR 10W/30 is a high-performance, multi-purpose transmission oil designed to meet or exceed the powertrain and hydraulic oil requirements of new-generation tractors. It can be safely used in powertrain components, hydraulic systems, and oil-bath brakes of tractors and farm equipment used in agriculture and industry. In wet brake systems, it prevents clutch slippage and chatter, providing stable brake performance. Formulated with high-performance base oils and an advanced additive system for heavy-duty gears and drive units, it delivers higher performance, efficiency, and reduced operating costs in heavy-duty agricultural vehicles. It ensures power transmission, friction control in hydraulic systems, wear prevention, viscosity stability, and protection against rust and corrosion. In a wide temperature range and challenging terrains, it ensures long-lasting clutch life, efficient braking, and safe operation, maximizing the performance of mobile equipment.



Available Packages: **16 Litre**

Performance

John Deere J20C, J20D. Volvo WB101. Ford M2C134D, M2C86 (A&B), M2C134 (A&C), M2C41B. J.I. Case/Case International MS-1204, 1206, 1207, 1209. CNH MAT 3525/3526. NH410B, NH420A. New Holland 82948718. I.H.C B5 & B-6 Hydran. White Q-1705/1722/1766/1766B (UHTF)/1802/1826. Oliver Type 55/Type 5J/Q1802. Valtra G2-08 and G2-B10. Kubota UDT Fluid. JCMAS HK P-041. Massey Ferguson CMS M1135, CMS M1143, CMS M1145. Allison C-4. API GL-4. Caterpillar TO-2. Denison (Pump only) HF-(0 thru 2). Sperry Vickers/Eaton I-280-S & M2950S. Sauer Sunstrand/Danfoss Hydro Static Trans Fluid.

Typical Properties

Viscosity Grade Viscosity Grade	-	**10W/30**
Viscosity at 100 °C (Minimum) Viscosity at 100 °C (Minimum)	**Mn²/s**	**9.3**
Viscosity at 100 °C (Maximum) Viscosity at 100 °C (Maximum)	**Mn²/s**	**12.5**
Flash Point (Minimum) Flash Point (Minimum)	**°C**	**175**
Pour Point (Maximum)	**°C**	**-12**

AGRIMOTOR TULLIA 20W/30

Transmission Oils | AGRIMOTORTULLIA20W30

MANPET TULLIA AGRIMOTOR 20W/30 is designed to meet or exceed the power transmission and hydraulic oil requirements of modern tractors. It can be safely used in the powertrains, drive units, hydraulic systems, and oil-bath brake systems of tractors and mobile agricultural equipment used in both agriculture and industry. It is specifically formulated for oil level completion and replenishment. Special friction characteristics have been developed to prevent chatter and squeaking in wet brake systems, providing stable and quiet braking performance. The combination of high-performance base oils with cutting-edge additive systems offers superior durability for heavy-duty transmission systems and final drive units. Innovative power transmission systems offer high performance, increased efficiency, and lower operational costs for heavy-duty agricultural machinery. It offers friction control in power transmission and hydraulic systems, wear prevention, viscosity stability, and protection against rust and corrosion. It ensures long-lasting grip, effective braking, and safe operation in a wide temperature range and harsh terrain conditions, optimizing the performance of mobile equipment.



Available Packages: **16 Litre**

Performance

John Deere J20C, J20D. Volvo WB101. Ford M2C134D, M2C86 (A&B), M2C134 (A&C), M2C41B. J.I. Case/Case International MS-1204, 1206, 1207, 1209. CNH MAT 3525/3526. NH410B, NH420A. New Holland 82948718. I.H.C B5 & B-6 Hydran. White Q-1705/1722/1766/1766B (UHTF)/1802/1826. Oliver Type 55/Type 5J/Q1802. Valtra G2-08 and G2-B10. Kubota UDT Fluid. JCMAS HK P-041. Massey Ferguson CMS M1135, CMS M1143, CMS M1145. Allison C-4. API GL-4. Caterpillar TO2. Denison (Pump only) HF-(0 thru 2). Sperry Vickers/Eaton I-280-S & M2950S. Sauer Sunstrand/Danfoss Hydro Static Trans Fluid.

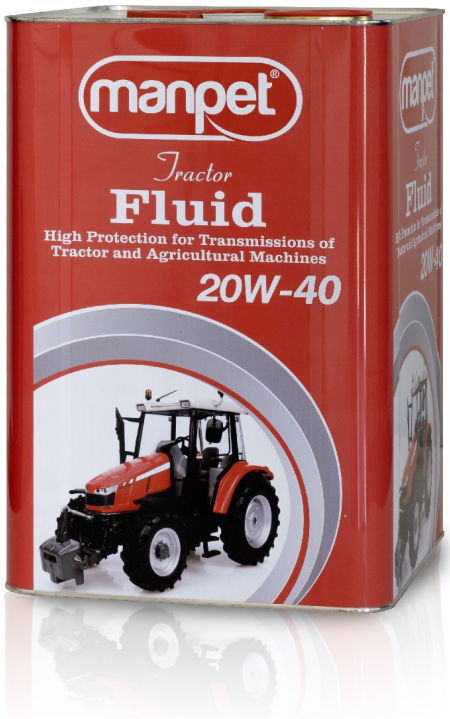
Typical Properties

Viscosity Grade Viscosity Grade	-	**20W/30**
Viscosity at 100 °C (Minimum) Viscosity at 100 °C (Minimum)	**Mn²/s**	**9,3**
Viscosity at 100 °C (Maximum) Viscosity at 100 °C (Maximum)	**Mn²/s**	**12,5**
Flash Point (Minimum) Flash Point (Minimum)	**°C**	**175**
Pour Point (Maximum)	**°C**	**-12**

AGRIMOTOR TULLIA 20W/40

Transmission Oils | AGRIMOTORTULLIA20W40

MANPET TULLIA AGRIMOTOR 20W/40 is a high-performance multi-purpose tractor transmission oil designed to meet the powertrain and hydraulic oil requirements of new-generation tractors. It is formulated for use in the drivetrain, drive units, hydraulic systems, and oil-bath brakes of tractors and mobile equipment used in agriculture and industry. Suitable for topping off or refilling oil levels. It provides stable braking performance by preventing rubbing and squeaking in wet brake systems. It contains quality mineral oils and advanced high-performance additive systems for heavy-duty gear train and drive units. Thanks to new-generation technology, it offers higher performance, increased efficiency, and lower operational costs in heavy-duty agricultural vehicles. It ensures friction control in power transmission and hydraulic systems, wear prevention, viscosity stability, and protection against rust and corrosion. In a wide temperature range and tough terrain conditions, it provides long-lasting grip, effective braking, and safe operation, offering superior performance in powertrain components, drive axles, clutches, PTOs, and hydraulic systems of moving equipment.



Available Packages: **17 Litre**

Performance

AGCOPOWEFLUID 821XL. Ford-ESN-M2C86-B-M2C86-C. Case New Holland CNH-MAT3525 (NHA-2-C201.00 =M2C134D) CNH-MAT35226 (FNHA-2-C-200.00). White-Farm (AGCO) Q-186. Massey Ferguson CMS M1141, CMS M1143, CMS M1145. John Deere JDM J20C, J20D. CNH MAT3503 (MS1209) back serviceable to Case MS1206, MS1207. Case New Holland CNH MAT3509 (Case MS1230) CNH MAT3506 (Case MS1210) CNH MAT3510 (MS1317 = GL-4) API GL-4/CRCL20. Caterpillar TO-2. Same (Same Transmissions) Landini. Deutz-Fahr. Fendt (Non Vario Transmissions) Renault (Renault Transmissions).

Typical Properties

Viscosity Grade Viscosity Grade	-	**20W/40**
Viscosity at 100 °C (Minimum) Viscosity at 100 °C (Minumum)	**Mn²/s**	**12.5**
Viscosity at 100 °C (Maximum) Viscosity at 100 °C (Maximum)	**Mn²/s**	**16.3**
Flash Point (Minimum) Flash Point (Minumum)	**°C**	**180**
Pour Point (Maximum)	**°C**	**-24**

FLAVIA FULL SYNTHETIC GEAR OIL 75W/80 GL-4

Transmission Oils | GEAR OIL75W/80GL4

High EP performance synthetic manual transmission oil; produced by blending high-quality synthetic base oils with next-generation premium EP additives. It provides outstanding protection in modern heavy-duty manual transmissions without compromising fuel economy and service life. Special synthetic base oils and advanced EP additives control operating temperatures in driveline components and extend equipment life. Delivers lower operating temperatures and higher mechanical efficiency with excellent fluidity from friction modifiers. Ensures smooth gear shifts and high performance under all conditions. Long-life additives offer extended oil change intervals, high oxidation resistance, and superior wear protection. Fully compatible with synchronized gearboxes. Recommended for first-fill or top-up in closed automotive gear systems where MANPET FLAVIA FULL SYNTHETIC GEAR OIL is specified.



Available Packages: **14 Litre**

Performance

API GL-4 API MT-1 MAN 341 Z1- MAN 341 Z2 -MAN 341 E2 -ZF TE-ML 02A - ZF TE-ML 02B -ZF TE-ML 08 -ZF TE-ML 17A.Scania STO:2:G. MB.235.5

Typical Properties

Viscosity Grade	-	**W-80**
Viscosity at 100 °C (Minimum)	**mm²/s**	**7**
Viscosity at 100 °C (Maximum)	**mm²/s**	**11**
Flash Point (Minimum)	**°C**	**210**
Pour Point (Maximum)	**°C**	**-39**

FLAVIA FULL SYNTHETIC GEAR OIL 75W/90 GL-4

Transmission Oils | GEAROIL75W/90GL4

Synthetic transmission and differential oil produced by blending high-quality synthetic base oils with next-generation premium EP additives...



Available Packages: **14 Litre**

Performance

API GL-4, API MT-1, MAN 341 Z1, MAN 341 Z2, MAN 341 E2, ZF TE-ML 02A, ZF TE-ML 02B, ZF TE-ML 08, ZF TE-ML 17A, Scania STO:2:G, MB.235.5

Typical Properties

Viscosity Grade	-	**W-90**
Viscosity at 100 °C (Minimum)	**mm²/s**	**13.5**
Viscosity at 100 °C (Maximum)	**mm²/s**	**18.8**
Flash Point (Minimum)	**°C**	**190**
Pour Point (Maximum)	**°C**	**-33**

TULLIA GEAR OIL 85W/140 GL-5

Transmission Oils | TULLIAGEAROIL85W/140GL5

Specially formulated with selected high-quality base oils and advanced EP additive system for transmissions and differentials with limited-slip characteristics. MANPET TULLIA GEAR OIL 85W/140 is an extra high-performance gear oil. Recommended for heavy-duty transmissions, differentials, axles, and final drive units operating under shock load and extreme pressure conditions requiring API GL-5 performance level.



Available Packages: **21 Litre**

Performance

API GL-5, MAN 342 TYPE M2, SCANIA STO1:0, ZF TE-ML 05A, ZF TE-ML 07A, TE-ML 08, ZF TE-ML 12E, ZF TE-ML 16B, ZF TE-ML 16C, ZF TE-ML 16D, ZF TE-ML 17B, ZF TE-ML 19B, ZF TE-ML 21A, ZF TE-ML 24A

Typical Properties

Viscosity Grade	-	**80**	**85**	**90**	**140**
Viscosity at 100 °C (Min)	**Mm²/s**	**7**	**11**	**13.5**	**24**
Viscosity at 100 °C (Max)	**Mm²/s**	**11**	**13.5**	**18.8**	**32.25**
Flash Point (Min)	**°C**	**190**	**190**	**200**	**230**
Pour Point (Max)	**°C**	**-24**	**-18**	**-12**	**-6**

TULLIA GEAR OIL 80W/90GL-5

Transmission Oils | TULLIAGEAROIL80W90GL5

Specially formulated with selected high-quality base oils and advanced EP additive system for transmissions and differentials with limited slip properties. MANPET TULLIA GEAR OIL 80W/90 is an extra high-performance gear oil. Recommended for applications requiring API GL-5 level performance, such as heavy-duty transmissions, differentials, axles, and final drive units operating under shock loads and extreme pressure conditions.



Available Packages: **14 Litre**

Performance

API GL-5, MAN 342 TYPE M2, SCANIA STO1:0, ZF TE-ML 05A, ZF TE-ML 07A, TE-ML 08, ZF TE-ML 12E, ZF TE-ML 16B, ZF TE-ML 16C, ZF TE-ML 16D, ZF TE-ML 17B, ZF TE-ML 19B, ZF TE-ML 21A, ZF TE-ML 24A

Typical Properties

Viscosity Grade	-	**80**	**85**	**90**	**140**
Viscosity at 100 °C (Min)	**mm²/s**	**7**	**11**	**13.5**	**24**
Viscosity at 100 °C (Max)	**mm²/s**	**11**	**13.5**	**18.8**	**32.25**
Flash Point (Min)	**°C**	**190**	**190**	**200**	**230**
Pour Point (Max)	**°C**	**-24**	**-18**	**-12**	**-6**

Tullia Gear Oil EP-80 GL-4

Transmission Oils | TULLIAGEAROILEP80GL4

Specially formulated with selected high-quality base oils and advanced EP additive system for limited slip transmissions and differentials. MANPET TULLIA GEAR OIL EP-80 is a high-performance gear oil. Recommended for applications requiring API GL-4 performance, such as heavy-duty transmissions, differentials, axles, and final drive units operating under shock loads and extreme pressure.



Available Packages: **14 Litre**

Performance

API GL-4, API MT-1, MAN 341-Z1, MAN 342-Z2, MB 235, ZF-02A, ZF-02B, ZF-17A

Typical Properties

Tullia Retarder Oil

Transmission Oils | TULLIARETARDEROIL

It is designed to meet the demanding requirements of modern heavy-duty automatic transmissions and retarders. The synthetic base oil composition ensures excellent performance even under the most severe operating conditions. Delivers outstanding shifting and power transmission performance. Compared to conventional ATF fluids, MANPET TULLIA RETARDER OIL DEXRON IIIH provides exceptional performance at sub-zero temperatures due to its high viscosity index and stability, while its advanced additive package ensures full protection against thermal degradation at high temperatures. It is recommended for use in high-performance trucks, buses, service vehicles, carriers, vans, and other equipment requiring Allison TES-295 or MB-Approval 236.91 performance levels.



Performance

Allison TES-228 C-4, Allison TES-389, Ford pre-2005, GM 11D, IIE, GM IIIG, GM Dexron IIIH, MB-Approval 236.9, MAN 339 Z1, VI, ZF TE-ML 04D / 14A / 17C

Typical Properties

Tullia Gear Oil Sae 90-140

Transmission Oils | SAE90140

It is a low-ash mineral oil used in gearboxes and differentials of automotive and industrial equipment where extreme pressure characteristics are not required. MANPET TULLIA GEAR OIL protects metal surfaces against rust and corrosion by forming a film layer.



Available Packages: **14 Litre, 3 Litre**

Performance

API GL-1

Typical Properties

Tullia ATF DEXRON IID

Transmission Oils | DEXRONIID

Formulated with high-quality base oils blended with viscosity index improvers, anti-wear and friction modifiers, oxidation and foam inhibitors to ensure superior performance.Applications: Recommended for use in automatic and manual transmissions of passenger cars and light trucks requiring Dexron II-D level performance. Also suitable for hydraulic steering systems within this scope, as well as specific hydraulic systems in agricultural machinery and other systems with similar fluid requirements. Common applications include transmissions, hydraulic steering, and other systems of off-road vehicles operating in tough conditions where Dexron II-D or Allison C-4 type fluids are specified.Properties: Provides excellent driving comfort under various driving conditions in all types of vehicles. MANPET TULLIA ATF II-D offers high performance, excellent thermal and oxidation stability, wear protection, superb low-temperature fluidity, and effective foam control. Fully compatible with all seal materials used in Type II-D systems. These advantages help keep transmissions clean by preventing varnish, sludge, and deposit formation. Ensures long transmission life, effective lubrication at low temperatures, smooth and safe gear shifting under harsh conditions, and reduces oil losses. Ensures effective seal control.



Available Packages: **14 Kg, 3 Litre, 1 Litre**

Performance

Allison C-4, CAT TO-2, Ford MERCON, General Motors Type A, Suffix A (TASA), General Motors DEXRON II-D, General Motors DEXRON II-E, MAN 339 Type Z-1 & Type V-1, MB 236.1 & MB 236.5, Voith 55.6335, Volvo 97335 & 97325, ZF TE-ML-02F, -03D, -04D, -14A & -17C, ZF TE-ML-09.

Typical Properties

Motorcycle

THORA 4T 10W/40

SAE 10W/40 API SJ, JASO T-903 (2011), JASO MA2 (2011)

THORA 4T 15W/40

SAE 15W/40 API SJ, JASO T-903 (2011), JASO MA2 (2011)

THORA 2T

MIXING RATIO RECOMMENDED BY ENGINE MANUFACTURERS

THORA 4T 10W/40

Motorcycle | THORA4T10W40

Specifically formulated for new generation four-stroke scooters and commuter class motorcycles. Developed to provide enhanced engine cleanliness and protection for all types of motorcycles and operations. Blended with high-performance synthetic oils and wear-reducing additive packages to deliver maximum and powerful performance under the toughest conditions. MANPET THORA 4T 10W/40 is suitable for air- or water-cooled four-stroke scooter and commuter class motorcycle engines requiring API SJ and JASO MA performance.



Available Packages: **1 Litre**

Performance

SAE 10W/40 API SJ, JASO T-903 (2011), JASO MA2 (2011)

Typical Properties

Viscosity Grade	-	**10W/40**
Viscosity at 100 °C (Minimum)	**mm²/s**	**12.5**
Viscosity at 100 °C (Maximum)	**mm²/s**	**16.3**
Flash Point (Minimum)	**°C**	**175**
Pour Point (Maximum)	**°C**	**-27**

THORA 4T 15W/40

Motorcycle | THORA4T15W40

Specially formulated for new generation four-stroke scooters and commuter class motorcycles. Developed to provide enhanced engine cleanliness and protection for all types of motorcycles and operations. Blended with high-performance base oils and anti-wear additive packages to deliver maximum and strong performance under the toughest conditions. MANPET THORA 4T 15W/40 is suitable for air- or water-cooled four-stroke scooter and commuter class motorcycle engines requiring API SJ, JASO MA performance.



Available Packages: **1 Litre**

Performance

SAE 15W/40 API SJ, JASO T-903 (2011), JASO MA2 (2011)

Typical Properties

Viscosity Grade	-	**15W/40**
Viscosity at 100 °C (Minimum)	**Mn²/s**	**12.5**
Viscosity at 100 °C (Maximum)	**Mn²/s**	**16.3**
Flash Point (Minimum)	**°C**	**175**
Pour Point (Maximum)	**°C**	**-27**

THORA 2T

Motorcycle | THORA2T

Specially formulated with high-quality base oils and high-performance additives for new generation air-cooled, two-stroke motorcycles and small engines. Used by mixing with gasoline in air-cooled two-stroke motorcycles, sprayers, lawnmowers, and chainsaws. MANPET THORA 2T gas-to-oil mixing ratio ranges between 1/10 and 1/50. For optimal performance, consult the engine manufacturer. Its superior cleaning ability prevents deposit formation thanks to its detergent and dispersant additives, keeping the engine clean. Provides high performance and excellent lubrication, protecting pistons against rust, corrosion, and wear. Minimizes maintenance costs.



Available Packages: **1 Litre**

Performance

MIXING RATIO RECOMMENDED BY ENGINE MANUFACTURERS

Typical Properties

	4L Gasoline / Petrol	2L Gasoline / Petrol	1L Gasoline / Petrol	0.5L Gasoline / Petrol
1.10	400 ML	200 ML	100 ML	50 ML
1.20	200 ML	100 ML	50 ML	25 ML
1.30	135 ML	75 ML		25 ML
1.40	100 ML	50 ML	25 ML	

industrial oils

HD Hydraulic Oil

ASTM D6158 HL, HM, HV, ASTM D6158 HMHP, HVHP. Bosch Rexroth RDE-90235. Chinese Standard GB 11118.1 LHL & L-HM High Pressure and General. Danieli 0.000...

HV Hydraulic Oil

ASTM D6158 HL, HM, HV, ASTM D6158 HMHP, HVHP. Bosch Rexroth RDE-902335. Chinese Standard GB 11118.1 LHL & L-HM High Pressure and General. Danieli 0.00...

Milking Machine Vacuum Pump Oil

TULLIA DREKSİYON YAĞI

ASTM D6158 HL, HM, HV, ASTM D6158 HMHP, HVHP. Bosch Rexroth RDE-90235. Chinese Standard GB 11118.1 LHL & L-HM High Pressure and General. Danieli 0.000...

MANPET PULAN HIDRO OIL HD 32-37-46-68

MANPET PULAN HIDRO OIL HV 46

ASTM D6158 HL,HM,HV,ASTM D6158 HMHP,HVHP.Bosch Rexroth RDE-902335.Chinese Standard GB 11118.1 LHL & L-HM High Pressure and General.Danieli 0.000.001...

MANPET PULAN HIDRO OIL HV 68

ASTM D6158 HL,HM,HV,ASTM D6158 HMHP,HVHP.Bosch Rexroth RDE-902335.Chinese Standard GB 11118.1 LHL & L-HM High Pressure and General.Danieli 0.000.001...

MANPET PULAN SÜT SAĞ.MAK.YAĞI

MANPET FAUSTO KESME YAĞI

MANPET FAUSTO SYNTHETIC KESME YAĞI M22

MANPET FAUSTO BOR YAĞI

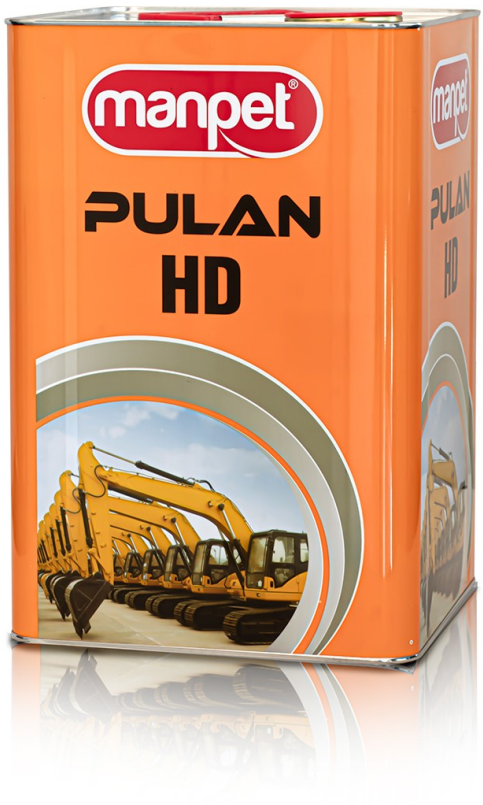
MANPET FAUSTO KIZAK YAĞI ISO VG 68

Cincinnati Machine P-47, P-50. ISO19378GA/GB. DIN51517 PART 3. DIN 51524 PART 2.[cite: 5]

HD Hydraulic Oil

industrial oils | PULANHD

A high-performance hydraulic oil formulated with high viscosity index mineral oils and an advanced additive package. It exhibits excellent thermal stability, making it ideal for modern hydraulic systems operating at high temperatures. Its anti-wear performance is enhanced with next-generation anti-wear and anti-foam additives, providing protection under all operating conditions and loads. Offers long service life for machinery thanks to its high protection capacity. Compatible with ultra-fine filters used in modern systems. Ensures a clean and reliable operation without forming sludge, even at elevated temperatures. MANPET TULLIA HD SERIES HYDRAULIC OILS offer exceptional resistance to oxidation in the presence of air, water, and copper. Low acidity, minimal sludge formation, and reduced copper loss contribute to extended oil life and reduced maintenance costs. Maintains high chemical stability even under high moisture conditions, minimizing rust and corrosion risks. Rapid water separation prevents emulsion formation, protecting systems and pumps. Compatible with sealing elements and paints. Suitable for all industrial and mobile hydraulic systems and heavy-duty machinery.



Available Packages: **14 Litre, 180 Kg**

Performance

ASTM D6158 HL, HM, HV, ASTM D6158 HMHP, HVHP. Bosch Rexroth RDE-90235. Chinese Standard GB 11118.1 LHL & L-HM High Pressure and General. Danieli 0.000.001 Type 10 & 11. DIN 51524 Part 1 HL, Part 2 HLP, Part 3 HVLP. Eaton Brochure 03-401-2010. Eaton Lubricant Specification EFDGN-TB002-E. Eaton Vickers I-286-S. Eaton Vickers M-2950-S. Fives Cincinnati P-68, P-69 & P-70. GM LS-2 Antiwear Hydraulic Oil. ISO 11158 HL, HM, HV. JCMAS HK P041. Parker Denison HF-1, HF-2, HF-0. SAE MS1004. Swedish Standard SS 155434:2015. U.S. Steel 126. ZF TE-ML 07H, ZF TE-ML 21M.

Typical Properties

Viscosity Grade	-	**VS 32**	**VS 46**	**VS 68**
Viscosity at 40 °C (Minimum)	**mm²/s**	**28.8**	**41.4**	**61.2**
Viscosity at 40 °C (Maximum)	**mm²/s**	**35.8**	**50.6**	**74.8**
Flash Point (Minimum)	**°C**	**175**	**185**	**195**
Pour Point (Maximum)	**°C**	**-6**	**-6**	**-6**

HV Hydraulic Oil

industrial oils | PULANHV

It is a high viscosity index oil produced by supplementing high-quality paraffinic base oils with new-generation additives that improve viscosity index, and prevent wear, oxidation, rust, and foaming. MANPET PULAN HV SERIES HYDRAULIC OILS easily separate from water thanks to the additives they contain, and can be used comfortably in equipment operating in cold environments or where there is a wide temperature variation. Applications: Recommended for use in the hydraulic systems of all industrial and mobile hydraulic systems, including machinery and vehicles. Suitable for special industrial applications such as construction machinery, presses, mobile structural equipment, plastic injection and drawing machines, and piston air compressors. Features: Its high viscosity index reduces friction, especially between piston rods and seals. Reduces noise and ensures energy savings. Prevents wear and sticking of servo valves. Supports long-lasting operation.



Available Packages: **20 Kg, 180 Kg**

Performance

ASTM D6158 HL, HM, HV, ASTM D6158 HMHP, HVHP. Bosch Rexroth RDE-902335. Chinese Standard GB 11118.1 LHL & L-HM High Pressure and General. Danieli 0.000.001 Type 10 & 11. DIN 51524 Part 1 HL, Part 2 HLP, Part 3 HVLP. Eaton Brochure 03-401- 2010. Eaton Lubricant Specification EFDGN-TB002-E. Eaton Vickers I-286-S. Eaton Vickers M-2950-S. Fives Cincinnati P-68, P-69 & P-70. GM LS-2 Antiwear Hydraulic Oil. ISO 11158 HL, HM, HV. JCMAS HK P041. Parker Denison HF-1, HF-2, HF-0. SAE MS1004. Swedish Standard SS 155434:2015. U.S. Steel 126. ZF TE-ML 07H, ZF TE-ML 21M.

Typical Properties

Viscosity Grade	-	**46**	**68**
Viscosity at 40 °C (Minimum)	**mm²/s**	**41.4**	**61.2**
Viscosity at 40 °C (Maximum)	**mm²/s**	**50.6**	**74.8**
Flash Point (Minimum)	**°C**	**160**	**185**
Pour Point (Maximum)	**°C**	**-36**	**-30**

Milking Machine Vacuum Pump Oil

industrial oils | Milking Machine Vacuum Pump Oil

Produced with paraffinic base oils, it features high stability and includes additives that prevent wear, oxidation, and rust. Recommended for all industrial and mobile hydraulic systems. It is used in industrial applications such as construction machinery, presses, mobile structural equipment, plastic injection machines, drawing machines, milking machines, and air compressors. MANPET PULAN VACUUM PUMP OIL prevents wear, rust, and corrosion. The product has high oxidation resistance. It separates well from water and contains anti-foam additives to prevent cavitation.



Available Packages: **4 Litre, 20 Litre**

Performance

Typical Properties

Viscosity Grade	-	**ISO 46**
Viscosity at 40 °C (Minimum)	**Mm²/s**	**41.4**
Viscosity at 40 °C (Maximum)	**Mm²/s**	**50.6**
Flash Point (Minimum)	**°C**	**185**
Pour Point (Maximum)	**°C**	**-6**

TULLIA DREKSİYON YAĞI

industrial oils | TULLIADREKSİYONYAĞI

It is a high-quality mineral oil designed to provide high performance in new-generation hydraulic steering systems. Its special formulation is optimized for hydraulic steering systems. MANPET TULLIA POWER STEERING OIL is suitable for use in the hydraulic steering systems of industrial vehicles operating under heavy conditions, such as passenger cars, light commercial vehicles, buses, trucks, and construction machinery. Recommended for complete replacement or top-up.



Available Packages: **0.9 Litre**

Performance

ASTM D6158 HL, HM, HV, ASTM D6158 HMHP, HVHP. Bosch Rexroth RDE-90235. Chinese Standard GB 11118.1 LHL & L-HM High Pressure and General. Danieli 0.000.001 Type 10 & 11. DIN 51524 Part 1 HL, Part 2 HLP, Part 3 HVLP. Eaton Brochure 03-401-2010. Eaton Lubricant Specification EFDGN-TB002-E. Eaton Vickers I-286-S. Eaton Vickers M-2950-S. Fives Cincinnati P-68, P-69 & P-70. GM LS-2 Antiwear Hydraulic Oil. ISO 11158 HL, HM, HV. JCMAS HK P041. Parker Denison HF-1, HF-2, HF-0. SAE MS1004. Swedish Standard SS 155434:2015. U.S. Steel 126. ZF TE-ML 07H, ZF TE-ML 21M

Typical Properties

Viscosity Grade	-	**ISO 46**
Viscosity at 40 °C (Minimum)	**mm²/s**	**41.4**
Viscosity at 40 °C (Maximum)	**mm²/s**	**50.6**
Flash Point (Minimum)	**°C**	**185**
Pour Point (Maximum)	**°C**	**-6**

MANPET PULAN HIDRO OIL HD 32-37-46-68

industrial oils | PULAN HD 32-37-46-68



Performance

Typical Properties

MANPET PULAN HIDRO OIL HV 46

industrial oils | PULAN OIL HV 46

PRODUCT DESCRIPTION It is a high viscosity index oil produced by reinforcing high-quality paraffinic base oils with new generation anti-wear, anti-oxidation, anti-rust, anti-foam, and viscosity index improver additives. MANPET PULAN HV SERIES HYDRAULIC OILS; thanks to the additives they contain, easily separate from water if it is present in the operating environment, and can be safely used in equipment operating in cold environments or areas with high temperature variations.AREAS OF APPLICATION It is recommended for use in the hydraulic systems of machines and vehicles, including all industrial and mobile hydraulic systems. Within special industrial applications, it is suitable for heavy machinery, presses, mobile construction equipment, plastic injection and drawing machines, as well as reciprocating air compressors.PROPERTIES Thanks to its high viscosity index, it reduces the friction occurring specifically between the piston rod and seals. It reduces noise and provides energy savings. It prevents the wear and sticking of servo valves. It helps ensure long-lasting operation.



Performance

ASTM D6158 HL,HM,HV,ASTM D6158 HMHP,HVHP.Bosch Rexroth RDE-902335.Chinese Standard GB 11118.1 LHL & L-HM High Pressure and General.Danieli 0.000.001 Type 10 & 11.DIN 51524 Part 1 HL, Part 2 HLP, Part 3 HVLP.Eaton Brochure 03-401-2010.Eaton Lubricant Specification EFDGN-TB002-E.Eaton Vickers I-286-S.Eaton Vickers M-2950-S.Fives Cincinnati P-68,P-69 & P-70.GM LS-2 Antiwear Hydraulic Oil.ISO 11158 HL,HM,HV.JCMAS HK P041.Parker Denison HF-1,HF-2,HF-0.SAEMS1004.SWEDISH STANDARD SS 155434:2015.U.S.Steel 126.ZF TE-ML 07H,ZF TE-ML 21M

Typical Properties

VİSKOZİTE SINIFI	#	46	68
VİSKOZİTE 40 °C (EN AZ)	Mm²/s	41,4	61,2
VİSKOZİTE 40 °C (EN ÇOK)	Mm²/s	50,6	74,8
PARLAMA NOKTASI (EN AZ)	°C	160	180
AKMA NOKTASI (EN ÇOK)	°C	-36	-30

MANPET PULAN HIDRO OIL HV 68

industrial oils | PULAN OIL HV 68

PRODUCT DESCRIPTION It is a high viscosity index oil produced by reinforcing high-quality paraffinic base oils with new generation anti-wear, anti-oxidation, anti-rust, anti-foam, and viscosity index improver additives. MANPET PULAN HV SERIES HYDRAULIC OILS; thanks to the additives they contain, easily separate from water if it is present in the operating environment, and can be safely used in equipment operating in cold environments or areas with high temperature variations.AREAS OF APPLICATION It is recommended for use in the hydraulic systems of machines and vehicles, including all industrial and mobile hydraulic systems. Within special industrial applications, it is suitable for heavy machinery, presses, mobile construction equipment, plastic injection and drawing machines, as well as reciprocating air compressors.PROPERTIES Thanks to its high viscosity index, it reduces the friction occurring specifically between the piston rod and seals. It reduces noise and provides energy savings. It prevents the wear and sticking of servo valves. It helps ensure long-lasting operation.



Performance

ASTM D6158 HL,HM,HV,ASTM D6158 HMHP,HVHP.Bosch Rexroth RDE-902335.Chinese Standard GB 11118.1 LHL & L-HM High Pressure and General.Danieli 0.000.001 Type 10 & 11.DIN 51524 Part 1 HL, Part 2 HLP, Part 3 HVLP.Eaton Brochure 03-401-2010.Eaton Lubricant Specification EFDGN-TB002-E.Eaton Vickers I-286-S.Eaton Vickers M-2950-S.Fives Cincinnati P-68,P-69 & P-70.GM LS-2 Antiwear Hydraulic Oil.ISO 11158 HL,HM,HV.JCMAS HK P041.Parker Denison HF-1,HF-2,HF-0.SAEMS1004.SWEDISH STANDARD SS 155434:2015.U.S.Steel 126.ZF TE-ML 07H,ZF TE-ML 21M

Typical Properties

VİSKOZİTE SINIFI	#	46	68
VİSKOZİTE 40 °C (EN AZ)	Mm²/s	41,4	61,2
VİSKOZİTE 40 °C (EN ÇOK)	Mm²/s	50,6	74,8
PARLAMA NOKTASI (EN AZ)	°C	160	180
AKMA NOKTASI (EN ÇOK)	°C	-36	-30

MANPET PULAN SÜT SAĞ.MAK.YAĞI

industrial oils | PULAN SÜT SAĞ.MAK.YAĞI

PRODUCT DESCRIPTION AND FEATURESProduced with paraffinic base oils, it has high stability; contains anti-wear, anti-oxidation and anti-rust additives. It is recommended for all industrial and mobile hydraulic systems. Among special industrial applications, it is used in heavy machinery, presses, mobile construction equipment, plastic injection, drawing machines, milking machines and air compressors. MANPET PULAN VACUUM PUMP OIL; prevents wear, rust and corrosion. The oxidation resistance of the product is high. Its water separation property is excellent and it prevents cavitation as it contains an anti-foam additive.[cite: 1]



Performance

Typical Properties

VISCOSITY GRADE	#	ISO 46
VISCOSITY 40 °C (MIN)	Mm²/s	41,4
VISCOSITY 40 °C (MAX)	Mm²/s	50,6
FLASH POINT (MIN)	°C	185
POUR POINT (MAX)	°C	-6

MANPET FAUSTO KESME YAĞI

industrial oils | FAUSTO KESME YAĞI

PRODUCT DESCRIPTIONIt is formulated with high-quality mineral base oils and new generation high-performance, extreme pressure additive packages. MANPET FAUSTO CUTTING OIL is suitable for machining hard iron alloys as well as soft steel and cast iron of this type. It specifically has very low odor and very good anti-mist properties. It is suitable for multi-purpose uses such as milling, turning, drilling, and metal forming.[cite: 2]



Performance

Typical Properties

VISCOSITY GRADE	#	VS 22	VS 32
VISCOSITY AT 40°C (MIN)	Mm²/S	19,8	28,8
VISCOSITY AT 40°C (MAX)	Mm²/S	24,2	35,2
FLASH POINT (MIN)	°C	175	175
POUR POINT (MAX)	°C	-6	-6

MANPET FAUSTO SYNTHETIC KESME YAĞI M22

industrial oils | FAUSTO SYNTHETIC KESME YAĞI M22

PRODUCT DESCRIPTIONThe new generation synthetic neat cutting oil is produced with high-quality mineral and synthetic oils along with high-performance, extreme pressure additive packages. It is particularly used in heavy operations such as broaching, drilling, deep hole drilling, and tapping. It is suitable for use on standard steel, alloy steel, and stainless steel. MANPET FAUSTO SYNTHETIC CUTTING OIL has very low odor and very good anti-mist properties. Thanks to these features, it does not disturb machine operators and protects their health.[cite: 3]



Performance

Typical Properties

VISCOSITY GRADE	#	VS 22
VISCOSITY AT 40°C (MIN)	Mm^2/S	19,8
VISCOSITY AT 40°C (MAX)	Mm^2/S	24,2
FLASH POINT (MIN)	°C	165
POUR POINT (MAX)	°C	-6

MANPET FAUSTO BOR YAĞI

industrial oils | FAUSTO BOR YAĞI

PRODUCT DESCRIPTIONIt is a multi-purpose metal working oil used by mixing with water in the machining (cutting and grinding) of various metals. It is suitable for use as a lubricant and coolant in light and heavy machining operations of metals such as aluminum and copper alloys, mild steel and cast iron, and in the hot drawing of aluminum rods. MANPET FAUSTO BOR YAĞI contains additives that prevent bacterial activities that shorten emulsion life. It ensures the machined surface is smooth and clean. While extending tool life in heavy operations, it does not produce odor or smoke. Furthermore, it prevents rusting of metal surfaces.[cite: 4]



Performance

Typical Properties

EMULSION APPEARANCE	MILKY WHITE
EMULSION PH 20 °C	8,5
USAGE RATIO BORON OIL	10%
WATER	90%

MANPET FAUSTO KIZAK YAĞI ISO VG 68

industrial oils | FAUSTO KIZAK YAĞI ISO VG 68

PRODUCT DESCRIPTIONIt is a machine tool slideway oil formulated by adding special additives that provide EP properties and stickiness to high-quality base oils. It has the property of easy separation from cooling fluids, suitable for the processing precision of modern machine tools. It is formulated to provide equipment protection.[cite: 5]AREAS OF APPLICATIONIt is used in the lubrication of horizontal and vertical slideways of all types of machine tools. It is designed for combinations of cast iron, steel, and non-metallic guideway materials. MANPET FAUSTO SLIDEWAY OIL can be applied manually, by mechanical lubricator, or by circulation system. It is suitable for use in moderate-duty hydraulic systems and gear mechanisms found in machine tools.[cite: 5]PROPERTIESIt is resistant to gel formation in environments where cutting oils and alkaline substances are present. Because it contains sticky additives, it adheres very well to metal surfaces. It prevents oil leakage from the system. It ensures smooth and vibration-free movement of the machine tool without sticking-slipping. It allows operation with small tolerances in precision machine tools. It extends machine tool life with its protective properties against wear and corrosion. It reduces maintenance costs. It provides a long service life by preventing oxidation. It reduces oil consumption. While minimizing the corrosive effect of high Ph coolants on lubricated surfaces, it is optimized to provide perfect separation from many water-based cutting fluids.[cite: 5]



Performance

Cincinnati Machine P-47, P-50. ISO19378GA/GB. DIN51517 PART 3. DIN 51524 PART 2.[cite: 5]

Typical Properties

VISCOSITY GRADE	#	VS 32	VS 46	VS 68	VS 150	VS 220
VISCOSITY 40°C (MIN)	Mm²/s	28,8	41,4	61,2	135	198
VISCOSITY 40°C (MAX)	Mm²/s	35,2	50,6	74,8	165	242
FLASH POINT (MIN)	°C	175	185	195	200	200
POUR POINT (MAX)	°C	-6	-6	-6	-6	-6

MANPET FAUSTO KIZAK YAĞI ISO VG 150

industrial oils | FAUSTO KIZAK YAĞI ISO VG 150

PRODUCT DESCRIPTIONIt is a machine tool slideway oil formulated by adding special additives that provide EP properties and stickiness to high-quality base oils. It has the property of easy separation from cooling fluids, suitable for the processing precision of modern machine tools. It is formulated to provide equipment protection.[cite: 5]AREAS OF APPLICATIONIt is used in the lubrication of horizontal and vertical slideways of all types of machine tools. It is designed for combinations of cast iron, steel, and non-metallic guideway materials. MANPET FAUSTO SLIDEWAY OIL can be applied manually, by mechanical lubricator, or by circulation system. It is suitable for use in moderate-duty hydraulic systems and gear mechanisms found in machine tools.[cite: 5]PROPERTIESIt is resistant to gel formation in environments where cutting oils and alkaline substances are present. Because it contains sticky additives, it adheres very well to metal surfaces. It prevents oil leakage from the system. It ensures smooth and vibration-free movement of the machine tool without sticking-slipping. It allows operation with small tolerances in precision machine tools. It extends machine tool life with its protective properties against wear and corrosion. It reduces maintenance costs. It provides a long service life by preventing oxidation. It reduces oil consumption. While minimizing the corrosive effect of high Ph coolants on lubricated surfaces, it is optimized to provide perfect separation from many water-based cutting fluids.[cite: 5]



Performance

Cincinnati Machine P-47, P-50. ISO19378GA/GB. DIN51517 PART 3. DIN 51524 PART 2.[cite: 5]

Typical Properties

VISCOSITY GRADE	#	VS 32	VS 46	VS 68	VS 150	VS 220
VISCOSITY 40°C (MIN)	Mm²/s	28,8	41,4	61,2	135	198
VISCOSITY 40°C (MAX)	Mm²/s	35,2	50,6	74,8	165	242
FLASH POINT (MIN)	°C	175	185	195	200	200
POUR POINT (MAX)	°C	-6	-6	-6	-6	-6

MANPET FAUSTO KIZAK YAĞI ISO VG 220

industrial oils | FAUSTO KIZAK YAĞI ISO VG 220

PRODUCT DESCRIPTIONIt is a machine tool slideway oil formulated by adding special additives that provide EP properties and stickiness to high-quality base oils. It has the property of easy separation from cooling fluids, suitable for the processing precision of modern machine tools. It is formulated to provide equipment protection.[cite: 5]AREAS OF APPLICATIONIt is used in the lubrication of horizontal and vertical slideways of all types of machine tools. It is designed for combinations of cast iron, steel, and non-metallic guideway materials. MANPET FAUSTO SLIDEWAY OIL can be applied manually, by mechanical lubricator, or by circulation system. It is suitable for use in moderate-duty hydraulic systems and gear mechanisms found in machine tools.[cite: 5]PROPERTIESIt is resistant to gel formation in environments where cutting oils and alkaline substances are present. Because it contains sticky additives, it adheres very well to metal surfaces. It prevents oil leakage from the system. It ensures smooth and vibration-free movement of the machine tool without sticking-slipping. It allows operation with small tolerances in precision machine tools. It extends machine tool life with its protective properties against wear and corrosion. It reduces maintenance costs. It provides a long service life by preventing oxidation. It reduces oil consumption. While minimizing the corrosive effect of high Ph coolants on lubricated surfaces, it is optimized to provide perfect separation from many water-based cutting fluids.[cite: 5]



Performance

Cincinnati Machine P-47, P-50. ISO19378GA/GB. DIN51517 PART 3. DIN 51524 PART 2.[cite: 5]

Typical Properties

VISCOSITY GRADE	#	VS 32	VS 46	VS 68	VS 150	VS 220
VISCOSITY 40°C (MIN)	Mm²/s	28,8	41,4	61,2	135	198
VISCOSITY 40°C (MAX)	Mm²/s	35,2	50,6	74,8	165	242
FLASH POINT (MIN)	°C	175	185	195	200	200
POUR POINT (MAX)	°C	-6	-6	-6	-6	-6

MANPET FAUSTO KOMPRESÖR YAĞI ISO

industrial oils | FAUSTO KOMPRESÖR YAĞI ISO

PRODUCT DESCRIPTION AND FEATURESIt consists of high-performance ashless air compressor oils designed to meet all the requirements of new generation compressors. It has been developed to provide superior and safe equipment protection for compressors operated under all conditions. It is formulated with high-quality synthetic mineral base oils and a high-performance, long-life additive system. It provides excellent protection against wear. It reduces maintenance costs by decreasing equipment problems and minimizing deposit accumulation and carryover. Thanks to its high FZG ratings, MANPET FAUSTO COMPRESSOR OIL is an excellent oil for compressor systems containing gears and bearings. These oils provide low ash carbon formation, oxidation resistance and thermal stability, high load-carrying capacity, superior water separation properties, and complete protection against rust and corrosion.[cite: 6]The specified compressor types show excellent performance with MANPET FAUSTO COMPRESSOR OIL:[cite: 6]Reciprocating air compressor crankcases and cylindersRotary screw compressorsRotary vane compressorsAxial and centrifugal compressorsCompressors with critical gears and bearingsCompressors used in stationary and mobile applications[cite: 6]



Performance

DIN 51506 VDL/ISO-L-DAH[cite: 6]

Typical Properties

VISCOSITY GRADE	#	100
VISCOSITY 40 °C (MIN)	Mm² /s	90
VISCOSITY 40 °C (MAX)	Mm² /s	110
FLASH POINT (MIN)	°C	240
POUR POINT (MAX)	°C	-10

MANPET FAUSTO SYNT. KOMPRESÖR ISO 68

industrial oils | FAUSTO SYNT. KOMPRESÖR ISO 68

PRODUCT DESCRIPTION AND FEATURESThe new generation synthetic SCH series compressor oil has a high viscosity index. High-performance synthetic base oils provide working capability over a wide temperature range and effective lubrication at high temperatures. It consists of superior performance ashless air compressor oils designed to meet the requirements of compressors. It has been developed to safely provide superior equipment protection for compressors operated from light to severe conditions. It is formulated with high-quality synthetic base oils and a high-performance, long-life additive system. It provides excellent protection against wear. It reduces maintenance costs by decreasing equipment problems and minimizing deposit accumulation and wear. It helps prevent blockages in condensers and coolers and provides a lower potential for emulsion formation. The synthetic SHC compressor oil series are excellent oils for compressor systems containing gears and bearings. These oils provide low ash and carbon formation, oxidation resistance and thermal stability, high load-carrying capacity, superior water separation properties, and complete protection against rust and corrosion.[cite: 7]The specified compressor types show excellent performance with MANPET FAUSTO SYNTHETIC AIR COMPRESSOR oil:[cite: 7]Reciprocating air compressor crankcases and cylindersRotary screw compressorsRotary vane compressorsAxial and centrifugal compressorsCompressors with critical gears and bearingsCompressors used in stationary and mobile applications[cite: 7]



Performance

DIN 51506 VDL, ISO-6743-3, DDA, DAB, DAG[cite: 7]

Typical Properties

VISCOSITY GRADE	#	68
VISCOSITY 40 °C (MIN)	Mm² /s	61,2
VISCOSITY 40 °C (MAX)	Mm² /s	74,8
FLASH POINT (MIN)	°C	195
POUR POINT (MAX)	°C	-9

MANPET FAUSTO CINCINNATI MACHINE NO:4

industrial oils | FAUSTO CINCINNATI MACHINE NO:4

PRODUCT DESCRIPTION AND FEATURESThese are high-performance products designed for the lubrication of high-speed spindles of new generation machine tools. When the appropriate viscosity is selected, it provides protection against oxidation, rust, and corrosion in some critical hydraulic and circulation systems and air line lubricators. It is formulated using low-viscosity, high-quality base oils. It is resistant to foaming. It has the property of easily separating from water. MANPET FAUSTO CINCINNATI MACHINE OIL provides exceptional lubrication in close-tolerance bearings, ensuring they run cool. It helps maintain the precision of many of today's critical machines and tools. Although designed for spindle bearings, it has the necessary properties to be used as low-pressure hydraulic and circulating oils as long as the appropriate viscosity is selected. This feature minimizes costs while reducing the possibility of product misapplication. It is resistant to oxidation. It provides protection against rust and corrosion. Its effective water separation property helps reduce critical deposit formation. It extends the life of equipment. It provides long-term increased precision. It is resistant to emulsion formation. It keeps moisture away from critical lubrication areas. It allows moisture to be easily removed from system reservoirs.[cite: 8]



Performance

Typical Properties

VISCOSITY GRADE	#	NO:3	NO:4	NO:6
VISCOSITY 40 °C (MIN)	Mm² /s	1,98	4,14	9
VISCOSITY 40 °C (MAX)	Mm² /s	2,65	5,06	11
FLASH POINT (MIN)	°C	85	90	125
POUR POINT (MAX)	°C	-30	-25	-20

MANPET FAUSTO CINCINNATI MACHINE NO:6

industrial oils | FAUSTO CINCINNATI MACHINE NO:6

PRODUCT DESCRIPTION AND FEATURESThese are high-performance products designed for the lubrication of high-speed spindles of new generation machine tools. When the appropriate viscosity is selected, it provides protection against oxidation, rust, and corrosion in some critical hydraulic and circulation systems and air line lubricators. It is formulated using low-viscosity, high-quality base oils. It is resistant to foaming. It has the property of easily separating from water. MANPET FAUSTO CINCINNATI MACHINE OIL provides exceptional lubrication in close-tolerance bearings, ensuring they run cool. It helps maintain the precision of many of today's critical machines and tools. Although designed for spindle bearings, it has the necessary properties to be used as low-pressure hydraulic and circulating oils as long as the appropriate viscosity is selected. This feature minimizes costs while reducing the possibility of product misapplication. It is resistant to oxidation. It provides protection against rust and corrosion. Its effective water separation property helps reduce critical deposit formation. It extends the life of equipment. It provides long-term increased precision. It is resistant to emulsion formation. It keeps moisture away from critical lubrication areas. It allows moisture to be easily removed from system reservoirs.[cite: 8]



Performance

Typical Properties

VISCOSITY GRADE	#	NO:3	NO:4	NO:6
VISCOSITY 40 °C (MIN)	Mm² /s	1,98	4,14	9
VISCOSITY 40 °C (MAX)	Mm² /s	2,65	5,06	11
FLASH POINT (MIN)	°C	85	90	125
POUR POINT (MAX)	°C	-30	-25	-20

MANPET FAUSTO ISI TRANSFER YAĞI

industrial oils | FAUSTO ISI TRANSFER YAĞI

PRODUCT DESCRIPTION AND FEATURESIt is an industrial oil formulated to be used in closed heat transfer systems with operating temperatures up to 300°C and 320°C. The evaporation pressure of the oil at high temperatures is lower than atmospheric pressure. It is suitable for use in piping systems that are appropriate for high pressure during transfer. Furthermore, its thermal stability is very high.[cite: 9]MATTERS TO BE CONSIDERED IN OPERATING CONDITIONSTo prevent the oil film temperature from exceeding 335°C, circulation must be started prior to heating and continued for at least two hours even after heating is completed. The oil flow pattern must always be turbulent, and the flow velocity should be around 2.5-3 m/s. The heater should not contain refractory material. In the event of an oil pump failure, there should be an alarm in the system and, if possible, it should engage as a backup pump or be put into operation manually and quickly. The flame must never be in direct contact with the heater tube. In such cases, thermal cracking can occur due to sudden localized high temperatures. There must be an expansion tank at the highest point of the system, and the temperature in this expansion tank should not exceed 60°C. There must be adequate ventilation valves to expel the trapped air and water vapor from the system during initial heating. The initial heating up to 110°C should be done quite slowly, and water vapor and air must be expelled from the system using the ventilation valves. Pressure gauges and temperature indicators should be placed at critical points of the system, and the system must be kept under constant control.[cite: 9]AREAS OF APPLICATIONIt is a heat transfer oil recommended for use in chemical plants, textile enterprises, chipboard factories, asphalt sites, and oil-heated radiators used in homes. It is suitable for use in piping systems that are appropriate for high pressure during the transfer of circulating heat transfer oil.[cite: 9]



Performance

Typical Properties

VISCOSITY GRADE	-	-
VISCOSITY 40°C (MIN)	Mm/s	28,8
VISCOSITY 40°C (MAX)	Mm/s	35,2
FLASH POINT (MIN)	°C	225
POUR POINT (MAX)	°C	-12

MANPET PULAN ENGINE OIL 10

industrial oils | PULAN ENGINE OIL 10

PRODUCT DESCRIPTION AND FEATURESIt is a paraffinic-based, highly refined, high-quality mineral oil with a high viscosity index. It is suitable for general purpose use in stationary diesel, gas and dual-fuel engines, tree cutting machines, sawmills, industrial machinery and equipment. MANPET PULAN INOVA HD SERIES is suitable for use in areas such as electric motors, air cleaners, bearings, machine parts, and chain lubrication.[cite: 10]



Performance

Typical Properties

VISCOSITY GRADE	-	VS 15	VS 22	VS 32	VS 100
VISCOSITY 40°C (MIN)	Mm² /s	13,5	19,8	28,8	90
VISCOSITY 40°C (MAX)	Mm² /s	16,5	24,2	35,2	110
FLASH POINT (MIN)	°C	140	165	175	205
POUR POINT (MAX)	°C	-12	-6	-6	-6

MANPET FAUSTO CUTTING OIL

industrial oils | MANPET FAUSTO CUTTING OIL

Manpet Fausto Cutting Oil:Recommended for deep hole drilling, threading, tapping, milling,gear shaping, broaching, cutting, and automatic turning operations.



Performance

Typical Properties

High heat grease

- CONALL FHB-3700 GRES
- CONALL CALCIUM SULFONATE COMPLEX GREASE
- CONALL MOLIBDEN XHP GRES
- CONALL HI-TEMP EP COMPLEX GRES

CONALL FHB-3700 GRES

High heat grease | CONALLFHB-3700GRES

Product DescriptionA non-drip lithium complex grease formulated with synthetic base oil. Specially designed for multi-purpose applications including wheel bearings and mechanical components of new generation vehicles.ApplicationsDeveloped for use in modern machinery and vehicles that are exposed to extreme pressure, water, and high temperatures, thanks to its high-performance EP and anti-wear, oxidation, and corrosion inhibitor additive package. Suitable for use in iron-steel industries, continuous casting and rolling mills, paper mills (wet and dry felt rolls), and all industrial applications with heavy operating conditions.FeaturesMANPET CONALL FHB-3700 GREASE delivers high performance in demanding environments, resisting water, rust, high temperatures, and shock loads. It maintains excellent pumpability and lubrication properties even at high speeds, while offering superior water resistance, load capacity, thermal resistance, and corrosion protection.



Available Packages: **14 Kg, 1 Kg**

Performance

Typical Properties

NLGI No	-	2
Color	-	Blue
Soap Type	-	Lithium
Penetration 25 °C, 0.1 mm	ASTM D 1403	265 - 296
Dropping Point °C	ASTM D 2265	Non-Drip

CONALL CALCIUM SULFONATE COMPLEX GREASE

High heat grease | CONALLKALSIYUM

Product DescriptionDesigned for high pressure, water, and high temperature resistance, manufactured using the latest technology for use in new generation machinery and vehicles.Application AreasUsed in industrial applications where challenging conditions such as wet, high pressure, and high temperature are present, including in steel production, continuous casting and rolling mills, and paper factories. Suitable for applications under high stress, such as in wet and heavy load environments.FeaturesCalcium sulfonate complex grease is a next-generation grease that provides high performance in applications subject to water, rust, high temperatures, and shock loads. It maintains its ability to be pumped even at high speeds while offering excellent lubrication, water resistance, load capacity, thermal stability, and corrosion protection. MANPET CONALL CALCIUM SULFONATE GREASE is suitable for use in heavy load, shock, and water contact areas such as in transportation, marine, and offshore applications.



Available Packages: **14 Kg**

Performance

Typical Properties

ASTM	DESCRIPTION	RESULT
D1403	CONE PENETRATION	NLGI: #2
D2265	DROPPING POINT	308 °C
D1264	WATER WASHOUT	0, 88 %
D4069	WATER SPRAY OFF	20%

CONALL MOLIBDEN XHP GRES

High heat grease | CONALLMOLIBDEXHP

Product DescriptionIt is a lithium soap complex grease with a synthetic base oil content that does not drip. It is specially formulated for multi-purpose uses including wheel bearings and mechanical components in next-generation vehicles.APPLICATION AREASWith high-performance EP and wear, oxidation, and corrosion inhibitors, it has been developed for use in next-generation machinery and vehicles resistant to extreme pressure, water, and heat. It is suitable for use in bearings operating under tough conditions in the iron-steel industry, continuous casting, rolling mills, and paper factories, both in wet and dry felt roll sections, and in all industrial applications including mills under extreme conditions.FEATURESMANPET CONALL FHB-3700 GREASE: Provides high performance even under severe environmental conditions such as water, rust, high temperatures, and shock loading. Even at very high speeds, it retains high pumpability and good lubrication while providing advanced properties in terms of water resistance, load capacity, thermal resistance, and corrosion protection.



Available Packages: **14 Kg**

Performance

Typical Properties

Item No	-	2
Color	-	Black
Soap type	-	Lithium
Penetration 25 °C, 0.1 mm	ASTM D 217	270
Dropping Point °C	ASTM D 566	350

CONALL HI-TEMP EP COMPLEX GRES

High heat grease | CONALLHI-TEMPEPCOMPLEX

Product DescriptionSpecially developed for multipurpose uses, including wheel bearings and mechanical parts of new-generation vehicles.ApplicationsWith high-performance EP and anti-wear, oxidation, and corrosion-resistant additive packs, it is developed for use in new-generation machinery and vehicles resistant to extreme pressure, water, and temperature. Suitable for working bearings and all industrial applications in the iron-steel industry, continuous casting, rolling mills, and paper factories in wet and dry felt roller sections, as well as heavy-duty grinding machines under challenging conditions.PropertiesMANPET CONALL HI-TEMP EP COMPLEX GREASE provides high performance even under extreme service and harsh environmental conditions, ensuring excellent resistance to water, rust, high temperatures, and shock loading. It maintains high pumping ability and good lubrication properties even at very high speeds, offering advanced features such as water resistance, load capacity, heat resistance, and corrosion protection.



Available Packages: **14 Kg, 0.9 Kg**

Performance

Typical Properties

NILGI No – NILGI Number	#	2
Renk / Color	-	BLUE
Sabun cinsi / soap type	-	LITHIUM
Penetrasyon/ Penetration 25 °C, 0,1 mm	ASTM D 1403	265-295
Damlama Noktası/ Dropping Point °C	ASTM D 2265	300 °C

Lithium Greles

Drusilla Rulman Gres EP NL:1-2-3

Drusilla Rulman Gres NL:1-2-3

Drusilla Rulman Gres EP NL:1-2-3

Lithium Greles | DrusillaRulmanGressEPNL:1-2-3

Product Description Specially developed for the bearings and mechanical components of new generation machines and vehicles for multi-component applications. Usage Areas Used where heavy shock loads are present. Especially recommended for high-speed and water-containing environments; greases of the NL:0-00-1 class should be used in winter months or in central systems with capillary tubes, while greases of the NL:2-3 class are recommended in summer months. MANPET DRUSILLA BEARING GREASE NL-2 is specifically recommended for lubrication of large bearing seats at dry and wet ends of paper machines. Features Lithium complex grease manufactured with the latest technology for use in new generation machines and vehicles; provides high performance in harsh service and environmental conditions, including water, rust, and shock load applications. It has high pumping ability even at very high speeds and excellent lubrication properties. With its high pressure prevention feature, it provides excellent protection under heavy and shock loads. It extends bearing life by reducing wear and fatigue. Helps reduce grease consumption, saves costs, and lowers maintenance and labor expenses.



Available Packages: **14 Kg, 1 Kg, 4 Kg**

Performance

Typical Properties

NILGI No – NILGI Number	#	NO: 2	NO: 3
Color – Color	-	YELLOW	
Soap type – Soap Type	-	LITHIUM	
Penetration 25 °C, 0.1 mm – Penetration at 25°C, 0.1 mm	ASTM D 217	265 - 295	220 - 250

Drusilla Rulman Gres NL:1-2-3

Lithium Greles | DrusillaRulmanGressNL:1-2-3

Product DescriptionSpecially developed for multi-component applications such as bearings and mechanical parts in next-generation machines and vehicles.ApplicationsUsed where heavy shock loads are present. Especially for high-speed and water-exposed environments; greases in the NL:0-00-1 class are recommended for use in winter months or for central systems with capillary pipes, while greases in the NL:2-3 class are recommended for use in summer. MANPET DRUSILLA BEARING GREASE NL-2 is particularly recommended for lubricating large bearing seats in the dry and wet ends of paper machines.FeaturesProduced with the latest technology, lithium complex grease designed for use in next-generation machines and vehicles; offers high performance even in heavy-duty and harsh environments, including water, rust, and shock load applications. It has the ability to pump at high levels even at very high speeds and provides excellent lubrication. It provides excellent protection in heavy and impact loads with its high-pressure prevention feature. It extends bearing life by reducing wear and fatigue. Helps reduce grease consumption, saving on maintenance and labor costs.



Available Packages: **14 Kg, 1 Kg, 4 Kg**

Performance

Typical Properties

NILGI No – Number NILGI	#	NO: 2	NO: 3
Color – Цвет	-	YELLOW	
Soap Type – Тип мыла	-	LITHIUM	
Penetration 25 °C, 0.1 mm – Проникаемость при 25°C, 0.1 мм	ASTM D 217	265 - 295	220 - 250

Automatic lubrication

Drusilla Automatic Lubrication Grease NL: 0-00-000

Drusilla Automatic Lubrication Grease NL: 0-00-000

Automatic lubrication | Grease NL: 0-00-000

Product DescriptionSpecifically developed for applications involving machinery and vehicles with multi-component bearings and mechanical parts.ApplicationsSuitable for use in machines and vehicles operating at both high and low revolutions. As it is a lithium complex soap type, it performs well under heavy-duty and harsh environmental conditions, providing high performance in water, rust, and shock load applications. It can also be easily pumped at very high speeds. The NL:0-00 grease is recommended for lubrication of narrow and wide bearing housings in central systems with capillary tubes.FeaturesIt provides excellent lubrication without overloading pumps and maintains high circulation capability. MANPET DRUSILLA AUTOMATIC LUBRICATION GREASE is easily pumpable in central systems and provides protection against rust and corrosion. Its resistance to pressure ensures excellent protection under heavy and impact loads. It reduces wear and fatigue, extending bearing and housing life and lowering maintenance and labor costs.



Available Packages: **14 Kg**

Performance

Typical Properties

NILGI No – NILGI Number	#	NO: 0	NO: 00
Color – Color	-	YELLOW	
Soap Type – Soap Type	-	LITHIUM	
Penetration 25 °C, 0.1 mm – Penetration at 25°C, 0.1 mm	ASTM D 217	355 - 400	400 - 430

Calcium Greles

Trokya White Grease

Trokya Red Grease

Trokya Rubberized Grease

Trokya White Grease

Calcium Greles | TrokyaWhiteGrease

Product DescriptionManpet Troyka White Grease is a lithium-based calcium complex grease produced from high-quality base oils.ApplicationsIt is suitable for use in medium-speed and heavily loaded plain bearings where the operating temperature does not exceed 80°C, especially in low-speed plain bearings under normal load. It is suitable for use in NL:2 and 3 sleeve-type bearings, as well as in general industrial, agricultural, and road machinery applications.FeaturesManpet Troyka White Grease does not leave the bearing in contact with water and provides effective lubrication. It reduces wear and minimizes maintenance costs. It ensures quick and efficient lubrication in various applications where high operating temperature is not required.



Available Packages: **14 Litre, 0.9 Kg, 3.75 Kg**

Performance

Typical Properties

NLGI No – NLGI Number	-	2	3
Color	-	White	White
Soap Type	-	Calcium	Calcium
Penetration 25°C, 0.1 mm	ASTM D 217	265 - 295	220 - 250
Dropping Point °C	ASTM D 566	115	115

Trokya Red Grease

Calcium Greles | TrokyaRed

Product DescriptionA water-resistant grease suitable for general-purpose use, formulated with high-quality base oils and calcium complex soap.ApplicationsUsed in the lubrication of plain and roller bearings operating at medium and high speeds under normal temperature and load conditions. Recommended for low-speed plain bearings under normal load where the operating temperature does not exceed 70°C. Suitable for No:2 and 3 sleeve-type bearings, general industrial use, agricultural and road machinery.FeaturesMANPET TROYKA RED GREASE maintains lubrication due to its water resistance and does not dissolve in water. Its fibrous structure ensures effective lubrication on metal surfaces.



Available Packages: **14 Kg**

Performance

Typical Properties

NLGI No	-	2	3
Color	-	Red	Red
Soap Type	-	Calcium	Calcium
Penetration 25°C, 0.1 mm	ASTM D 217	265 - 295	220 - 250
Dropping Point °C	ASTM D 566	100	100

Trokya Rubberized Grease

Calcium Greles | TrokyaRubberizedGrease

Product DescriptionA water-resistant grease composed of calcium complex soap and high-quality base oils, suitable for general-purpose use.ApplicationsIt is suitable for use in medium-speed and loaded operating conditions where temperatures do not exceed 70°C, especially in low-speed plain bearings under normal load. MANPET TROYKA RUBBERIZED GREASE is suitable for use in No:2 and 3 sleeve-type bearings, general industrial, agricultural, and road machinery.FeaturesIt is water-resistant and provides fast and effective lubrication in various applications where the operating temperature is not high. It does not leave the bearing in contact with water. Thanks to its fibrous structure, it adheres to surfaces and reduces consumption. It prevents corrosion by cutting air contact and ensures effective lubrication.



Available Packages: **14 Litre**

Performance

Typical Properties

NLGI No	-	2	3
Color	-	Green	Green
Soap Type	-	Calcium	Calcium
Penetration 25°C, 0.1 mm	ASTM D 217	265 - 295	220 - 250
Dropping Point °C	ASTM D 566	100	100

Enclosed Gear Oils

TULLIA INDUSTRIAL GEAR OIL ISO G-100

API: AGMA EP 9005-E02 • DIN 51517 PART 3 • ISO 12925-1 CKC/CKD • U.S Steel 224

TULLIA INDUSTRIAL GEAR OIL ISO G-150

API: AGMA EP 9005-E02 • DIN 51517 PART 3 • ISO 12925-1 CKC/CKD • U.S Steel 224

TULLIA INDUSTRIAL GEAR OIL ISO G-220

API: AGMA EP 9005-E02 • DIN 51517 PART 3 • ISO 12925-1 CKC/CKD • U.S Steel 224

TULLIA INDUSTRIAL GEAR OIL ISO G-320

API: AGMA EP 9005-E02 • DIN 51517 PART 3 • ISO 12925-1 CKC/CKD • U.S Steel 224

TULLIA INDUSTRIAL GEAR OIL ISO G-460

API: AGMA EP 9005-E02 • DIN 51517 PART 3 • ISO 12925-1 CKC/CKD • U.S Steel 224

TULLIA INDUSTRIAL GEAR OIL ISO G-680

API: AGMA EP 9005-E02 • DIN 51517 PART 3 • ISO 12925-1 CKC/CKD U.S Steel 224

TULLIA INDUSTRIAL GEAR OIL ISO G-100

Enclosed Gear Oils | GEAROILISOG100

New generation gear oils are designed for the lubrication of heavy-duty industrial gears. They are high-quality base oils with EP additives, resistant to extreme pressure. They offer excellent performance in gears with their high load-carrying capacity and anti-friction additive properties. MANPET TULLIA INDUSTRIAL GEAR OIL ISO G-100 is formulated to ensure reliable extreme pressure performance in most enclosed industrial gearboxes using steel spur and helical gears. It is formulated using an effective sulfur-phosphorus additive system. It features a powerful full EP additive system that allows use in highly loaded gear systems. Suitable for lubricating bearings, other components, and systems with circulating and splash lubrication.ApplicationsCan be used in all enclosed gearboxes. Recommended for gear systems in applications such as rolling mills, calendars, cranes, excavators, hoists, conveyors, machine tools, and elevators, especially in the cement and iron-steel industries with high and impact loads.



Available Packages: **17.5 Litre**

Performance

API: AGMA EP 9005-E02 • DIN 51517 PART 3 • ISO 12925-1 CKC/CKD • U.S Steel 224

Typical Properties

Viscosity Grade	-	**100**
Viscosity at 100 °C (Min)	**Mn^2/s**	**90**
Viscosity at 100 °C (Max)	**Mn^2/s**	**110**
Flash Point (Min)	**°C**	**200**
Pour Point (Max)	**°C**	**-9**

TULLIA INDUSTRIAL GEAR OIL ISO G-150

Enclosed Gear Oils | GEAROILISOG150

New generation gear oils are designed for the lubrication of heavy-duty industrial gears. They are high-performance oils with high-quality base oils and EP (extreme pressure) additives. With high load-carrying capacity and anti-friction additive properties, they provide superior performance in gears. MANPET TULLIA INDUSTRIAL GEAR OIL ISO G-150 is formulated to deliver trouble-free extreme pressure performance in most closed industrial gearboxes using steel spur and helical gears. It is formulated using an effective sulfur-phosphorus additive system. It has an effective full EP additive system that allows use in heavily loaded gear systems. Suitable for the lubrication of bearings, other components, circulating and splash-lubricated systems.Areas of UseCan be used in all closed gearboxes. Recommended for gear systems of rolling mills, calendars, cranes, excavators, hoists, conveyors, machine tools, and elevators, especially in the cement and iron-steel industries where high and shock loads are present.



Available Packages: **17.5 Litre**

Performance

API: AGMA EP 9005-E02 • DIN 51517 PART 3 • ISO 12925-1 CKC/CKD • U.S Steel 224

Typical Properties

Viscosity Grade	-	**150**
Viscosity at 100 °C (Min)	**cSt**	**135**
Viscosity at 100 °C (Max)	**cSt**	**165**
Flash Point (Min)	**°C**	**220**
Pour Point (Max)	**°C**	**-9**

TULLIA INDUSTRIAL GEAR OIL ISO G-220

Enclosed Gear Oils | GEAROILISOG220

New generation gear oils are designed for the lubrication of heavy-duty industrial gears. They are high-quality base oils with EP additives that provide resistance to extreme pressure. They ensure excellent performance in gears with high load-carrying capacity and anti-wear additive properties. MANPET TULLIA INDUSTRIAL GEAR OIL ISO G-220 is formulated to provide smooth extreme pressure performance in most enclosed industrial gearboxes using steel spur and helical gears. It is formulated with an effective sulfur-phosphorus additive system. It has a full EP additive system that makes it suitable for use in high-load gear systems. Suitable for the lubrication of bearings, other components, circulating, and splash-lubricated systems.ApplicationsCan be used in all enclosed gearboxes. Recommended for use in gear systems of mills, calendars, cranes, excavators, hoists, conveyors, machine tools, and elevators, especially in sectors such as cement and iron-steel where high and shock loads are present.



Available Packages: **17.5 Litre**

Performance

API: AGMA EP 9005-E02 • DIN 51517 PART 3 • ISO 12925-1 CKC/CKD • U.S Steel 224

Typical Properties

Viscosity Grade	-	**220**
Viscosity at 100 °C (Min)	**Mm²/s**	**198**
Viscosity at 100 °C (Max)	**Mm²/s**	**242**
Flash Point (Min)	**°C**	**225**
Pour Point (Max)	**°C**	**-9**

TULLIA INDUSTRIAL GEAR OIL ISO G-320

Enclosed Gear Oils | GEAROILISOG320

Next-generation gear oils are designed for the lubrication of heavy-duty industrial gears. These oils are formulated with high-quality base oils and EP additives to withstand extreme pressures. They offer superior performance in gears thanks to their high load-carrying capacity and anti-wear additive properties. MANPET TULLIA INDUSTRIAL GEAR OIL ISO G-320 is developed to deliver reliable extreme pressure performance in most enclosed industrial gearboxes using steel spur and helical gears. It is formulated with an effective sulfur-phosphorus additive system and features a high-performance EP system suitable for heavily loaded gear systems. Suitable for lubricating bearings, other components, and circulating or splash lubrication systems.



Available Packages: **17.5 Litre**

Performance

API: AGMA EP 9005-E02 • DIN 51517 PART 3 • ISO 12925-1 CKC/CKD • U.S Steel 224

Typical Properties

Viscosity Grade	-	**320**
Viscosity at 100 °C (Min)	**Mm²/s**	**288**
Viscosity at 100 °C (Max)	**Mm²/s**	**352**
Flash Point (Min)	**°C**	**225**
Pour Point (Max)	**°C**	**-9**

TULLIA INDUSTRIAL GEAR OIL ISO G-460

Enclosed Gear Oils | ISOG460

New generation gear oils are designed for lubricating heavy-duty industrial gears. They are high-performance oils formulated with high-quality base oils and EP additives that withstand extreme pressure. With their high load-carrying capacity and anti-friction additive properties, they ensure superior performance in gears. MANPET TULLIA INDUSTRIAL GEAR OIL ISO G-460 is produced to deliver trouble-free extreme pressure performance in most enclosed industrial gearboxes that use steel spur and helical gears. It is formulated with an effective sulfur-phosphorus additive system. It has a high-performance extreme pressure (EP) additive system that allows use in heavily loaded gear systems. Suitable for the lubrication of bearings, other components, and systems with circulating or splash lubrication.



Available Packages: **17.5 Litre**

Performance

API: AGMA EP 9005-E02 • DIN 51517 PART 3 • ISO 12925-1 CKC/CKD • U.S Steel 224

Typical Properties

Viscosity Grade	-	**460**
Viscosity at 100 °C (Min)	**cSt**	**414**
Viscosity at 100 °C (Max)	**cSt**	**506**
Flash Point (Min)	**°C**	**225**
Pour Point (Max)	**°C**	**-9**

TULLIA INDUSTRIAL GEAR OIL ISO G-680

Enclosed Gear Oils | GEAR OILISOG680

New generation gear oils are designed for lubricating heavy-duty industrial gears. These are high-quality base oils with EP additives, resistant to extreme pressure. They offer superior performance in gears with high load-carrying capacity and anti-friction additive features. MANPET TULLIA INDUSTRIAL GEAR OIL ISO G-680 is manufactured to provide trouble-free extreme pressure performance in most enclosed industrial gearboxes using steel spur and helical gears. It is formulated with an effective sulfur-phosphorus additive system. It has a powerful EP additive system suitable for heavily loaded gear systems. It is also suitable for lubricating bearings, other components, and systems with circulating and splash lubrication.ApplicationsCan be used in all enclosed gearboxes. Recommended for use in gear systems of rolling mills, calendars, cranes, excavators, hoists, conveyors, machine tools, and elevators, especially in the cement and steel industries where high and shock loads occur.



Available Packages: **17.5 Litre**

Performance

API: AGMA EP 9005-E02 • DIN 51517 PART 3 • ISO 12925-1 CKC/CKD U.S Steel 224

Typical Properties

Viscosity Grade	-	**680**
Viscosity at 100 °C (Min)	**cSt**	**612**
Viscosity at 100 °C (Max)	**cSt**	**748**
Flash Point (Min)	**°C**	**230**
Pour Point (Max)	**°C**	**-9**

Antifreeze and Special Products

- LIXUE CONCENTRATE ANTIFREEZE
- LIXUE ORGANIC ANTIFREEZE
- GAURAV SMOKE REDUCER X
- GAURAV SMOKE REDUCER L
- GAURAV BRAKE FLUID DOT-3
- GAURAV BRAKE FLUID DOT-4
- Lixue Economizer

LIXUE CONCENTRATE ANTIFREEZE

Antifreeze and Special Products | ANTIFREEZE10

A high-quality antifreeze developed with ethylene glycol and special additive combinations. MANPET LIXUE CONCENTRATE ANTIFREEZE protects the system in cold climates by preventing the coolant from freezing and prevents overheating and radiator boiling in hot climates by raising the boiling point. Delivers maximum performance in all climates throughout the year. Suitable for year-round use in the cooling systems of new-generation gasoline and diesel vehicles, as well as in solar energy systems.FeaturesCompatible with all sealing elements. Does not harm engine metals or hoses. Prevents corrosion and electrolysis. Ensures efficient operation of the coolant circulation pump, lowering engine temperature and extending system life. Prevents leaks. Does not foam or rust. Contains additional additives to prevent scaling. Compatible with all cooling system parts including aluminum radiators. Must be mixed with water before use; recommended concentrations are between 33% and 50%. Should not be used with excessively hard water, sea water, salty water, or wastewater.



Available Packages: **19 Liter**

Performance

Typical Properties

Concentrated Antifreeze	**33%**	**40%**	**50%**
Freeze Protection	**-20 °C**	**-27 °C**	**-39 °C**
Boiling Protection	**105 °C**	**106 °C**	**108 °C**
PH - Color	**7 PH**	**Green**	

LIXUE ORGANIC ANTIFREEZE

Antifreeze and Special Products | ANTIF002

A high-performance antifreeze for new generation vehicles; a transparent red concentrate containing monoethylene glycol and high-quality organic corrosion inhibitors. It is free from environmentally harmful borates, nitrates, amines, phosphates, and silicates. Especially recommended for aluminum alloy radiators and engines made of light metals. MANPET LIXUE CONCENTRATE ORGANIC ANTIFREEZE is a long-life coolant based on advanced organic additive technology and is environmentally friendly (biodegradable). Provides high cooling performance and full protection. Prevents damage caused by expansion by delaying the freezing and boiling of radiator water. Offers excellent protection against rust and corrosion. Prevents corrosion on all types of light metals and aluminum alloys used in cooling systems. Ensures effective protection for the radiator and engine body.



Available Packages: **19 Litre**

Performance

Typical Properties

Color		**Red**
Specific Gravity		**ASTM D4052**
Boiling Point °C	**50% Diluted**	**ASTM D1120**

GAURAV SMOKE REDUCER X

Antifreeze and Special Products | GAURAV

Specially formulated to minimize problems such as oil loss due to vapor, low oil pressure, and performance loss in your vehicle's engine. When it's time for an oil change, drain the old oil and pour in half of the Manpet Flavia 10W/40 engine oil before adding the new one. Then add one unit (400 grams) of Manpet Gaurav Smoke Reducer. Finally, it is recommended to add the remaining half of the engine oil. Suitable for use with fully synthetic, synthetic, or mineral engine oils. In heavy-duty vehicles, the contents of one package are sufficient for approximately 20–25 liters of engine oil. Does not cause thinning or thickening in engine oil viscosity.



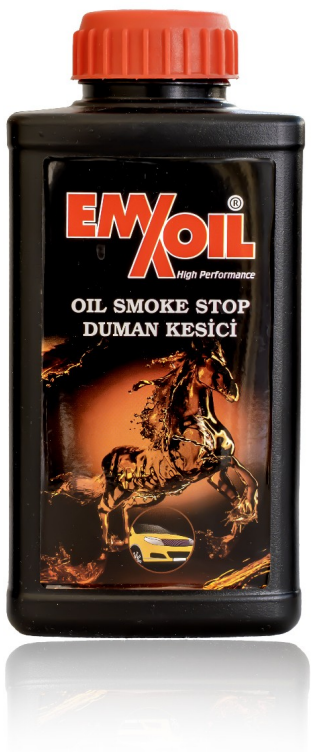
Available Packages: **0.4 Kg**

Performance

Typical Properties

GAURAV SMOKE REDUCER L

Antifreeze and Special Products | GAURAV005



Available Packages: **0.4 Kg**

Performance

Typical Properties

Specially formulated to minimize problems such as oil loss due to vapor, low oil pressure, and decreased performance in your vehicle's engine. When it's time for an oil change, drain the old oil and pour in half of the Manpet Ettore 10W/40 engine oil before adding the new one. Then add one unit (400 grams) of Manpet Gaurav Smoke Reducer. Finally, it is recommended to add the remaining half of the engine oil. Suitable for use with fully synthetic, synthetic, or mineral engine oils. In diesel, gasoline, and LPG vehicles, one package is sufficient for approximately 4–5 liters of engine oil. Does not cause thinning or thickening in oil viscosity.

GAURAV BRAKE FLUID DOT-3

Antifreeze and Special Products | GOT3

Recommended for use in motor vehicles where DOT-3 level is required for brake and clutch systems. Can be mixed with synthetic fluids of the same quality. Suitable for safe use in the brake and clutch units of all passenger cars and commercial vehicles.FeaturesManpet Gaurav DOT-3 adjusts temperature increases in brake systems and prevents vapor lock at dry and wet boiling points. It is also resistant to moisture absorption. Its viscosity adapts excellently both at high temperatures and in cold conditions. Protects metals used in brake systems (iron, aluminum, steel, copper, brass, etc.) against corrosion. Compatible with all types of seals and hoses.



Available Packages: **0.4 Kg**

Performance

Typical Properties

GAURAV BRAKE FLUID DOT-4

Antifreeze and Special Products | DOT4

Developed for use in the brake and clutch systems of all new-generation vehicles. Can be mixed with other synthetic fluids or products of the same quality. Manpet Gaurav DOT-4 is not compatible with inorganic or silicone-based fluids. Safe for use in the brake and clutch units of all passenger and commercial vehicles.FeaturesIts viscosity is suitable for both high and low temperature conditions. It has dry and wet boiling points suitable for high temperatures encountered in hydraulic brake systems. Prevents vapor lock and is resistant to moisture absorption. Compatible with all parts found in brake circuits such as rubber and elastomers.



Available Packages: **0.4 Kg**

Performance

Typical Properties

DOT 4	Unit	
Specific Gravity at 20 °C	kg/dm³	1.055
Kinematic Viscosity at 40 °C	mm²/s	1200
Kinematic Viscosity at 100 °C	mm²/s	1.5
Boiling Point	°C	230

Lixue Economizer

Antifreeze and Special Products | Economizer



Available Packages: **0.5 Litre**

Performance

Typical Properties