

Puma Lubricants
Catalogue 2017

PUMA LUBRICANTS CATALOGUE



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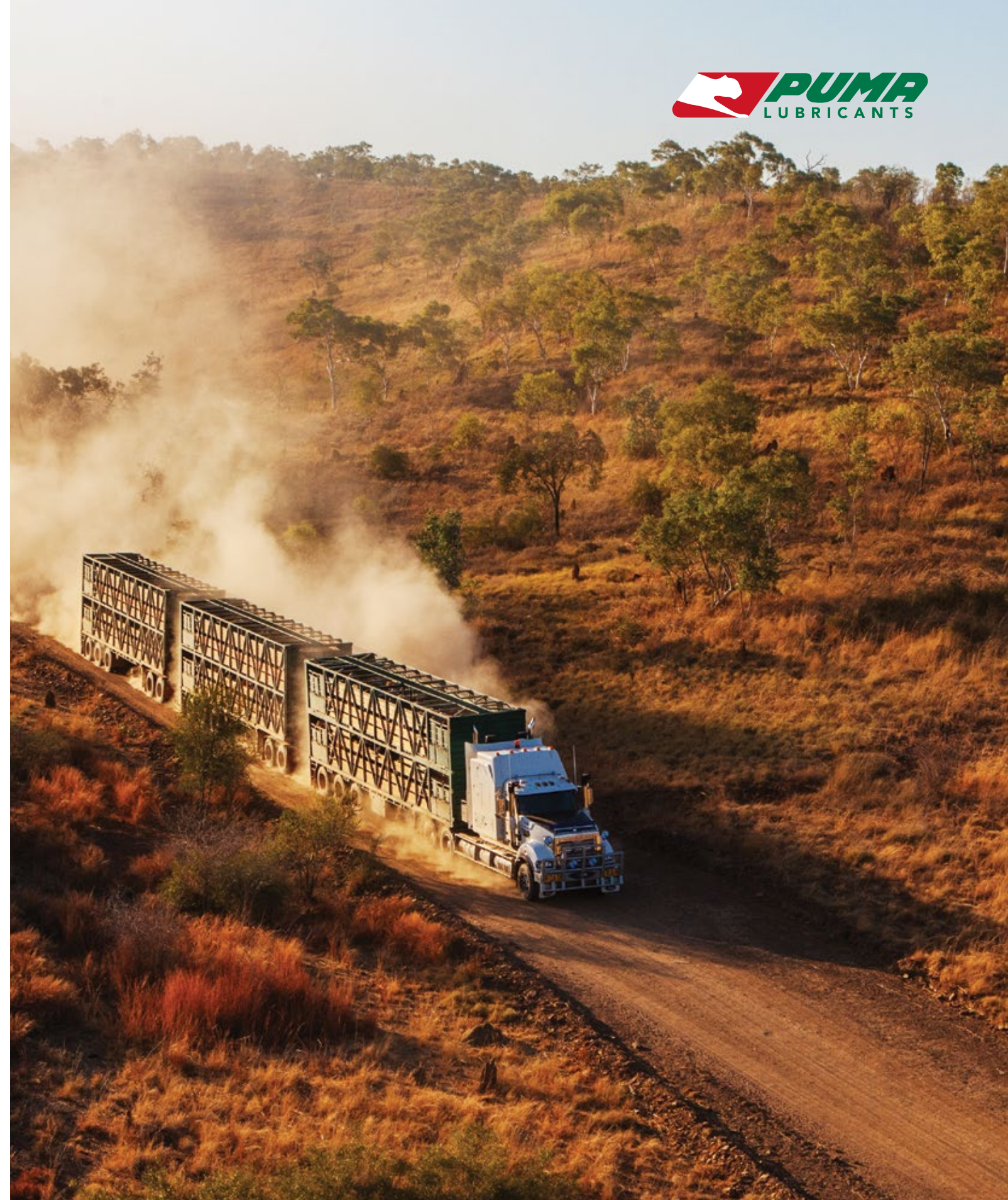
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CERTIFIED QUALITY
that keeps you moving

We are passionate about lubricants. Our high-quality, heavy duty lubricant products for the Agricultural, Construction, Mining, Earthmoving, Industrial and Transportation sectors, as well as our range of automotive lubricants exceed industry specifications and have the latest Original Equipment Manufacturer (OEM) approvals.

Our lubricants offer is supported by world-class problem solving expertise and our guaranteed on-time delivery promise.

Our integrated fuel & lubricants solutions will equate to better life cycle performance for your business.



DIESEL ENGINE OIL



PUMA HD Ultra 15W-40 CK-4

SYNTHETIC TECHNOLOGY DIESEL ENGINE OIL



Description

Puma HD Ultra 15W-40 CK-4 is a new generation CK-4 lubricant that has been designed to meet the requirements of newer technology engines meeting the EPA-07 low emissions requirements. These engines are fitted with Exhaust as Recirculation (EGR), Diesel filter Particles (DPF) and Selective Catalytic Reduction systems (SCR) present in the 2007 models and up. It is also suitable for pre-2007 equipment.

Puma Ultra has been formulated with highly refined base oils and advanced technology additives to provide superior performance than predecessor technologies. Providing more wear control on valve trains, effective handling of soot, reduced oil consumption, better protection for the piston rings and superior control of piston deposits which significantly improve operation and engine durability.

Applications

Puma HD Plus has been designed for those diesel engines working under severe operating conditions requiring an API CK-4 engine oil. For naturally aspirated, turbo charged and EGR engines in trailer trucks, dump trucks, urban and highway passenger buses and diesel engines in industrial and construction equipment.

Ideal for mixed fleets, where using a single lubricant can save the cost of extra inventories and handling. For correct application always consult your Original Equipment Manufacturer (OEM) and follow recommendations.

Benefits

- > Proven anti-wear additive package
- > Suitable for use all year in most climatic conditions
- > Extremely good oil life and lubricant stability
- > Excellent detergency properties
- > Easy release of entrained air
- > Allows for easy start-up of diesel engines
- > Low pour point
- > Good anti-corrosion and anti-rust properties
- > Prevents the formation of water in oil emulsion.

Specifications

Approvals:

- > API CK-4/SN
- > Volvo VDS- 4.5
- > Cummins CES-20086
- > Mack EOS 4.5
- > DDC 93K-222
- > Renault VI RLD -4

Meets:

- > ACEA E9 (2012)
- > API CJ-4, CI-4+, CI-4, CH-4/SM
- > Caterpillar ECF-3
- > FORD WSS-W2C171-F1
- > Man M-3575
- > Deutz DQC III-10 LA
- > MTU Tipo 2.1

PUMA HD Plus 15W-40 CI-4+

HEAVY DUTY DIESEL ENGINE OIL



Description

PUMA HD Plus 15W-40 CI-4+ is a high-quality, long-drain lubricating oil, primarily manufactured from Group II base oils. It is specially developed for use in all types of high-output, normally-aspirated and turbo-charged diesel engines with Exhaust Gas Recirculation (EGR), which are operating under very severe duty, or are subject to deposit formation or excessive wear due to design characteristics or the fuel employed.

These oils are formulated from selected base stocks with high viscosity index and low pour point. They are treated with a large percentage of additives to impart superior detergency and high dispersant, anti-oxidation, anti-corrosion, anti-wear and anti-foam properties.

Applications

PUMA HD Plus 15W-40 CI-4+ is recommended for the lubrication of naturally-aspirated, turbo-charged and EGR engines in trailer trucks, dump trucks, urban and highway passenger buses and diesel engines in industrial and construction equipment.

Recommended for modern and older petrol engine cars requiring an API CI-4 + /SL oil. Ideal for mixed fleets, where using a single lubricant can save the cost of extra inventories and handling.

It can also be used in engines requiring quality levels API CG-4, CH-4, CF and CF-4.

For correct application, always consult your Original Equipment Manufacturer (OEM) and follow recommendations.

Benefits

- > Proven anti-wear additive package
- > Suitable for use all year, in most climatic conditions
- > Extremely good oil life and lubricant stability
- > Excellent detergency properties, making it particularly suitable for use in turbo-charged engines
- > Anti-foam performance
- > Low pour point
- > Good anti-corrosion and anti-rust properties
- > Prevents the formation of water in oil emulsion.

Specifications

Approvals:

- > API CI-4+/SL
- > Detroit Diesel DFS-93K214
- > Cummins CES-20078
- > MB-228.3
- > Volvo VDS-3
- > Mack EO-N
- > Renault VI RLD-2
- > Man M3275-1

Meets:

- > ACEA E7, A3, B4
- > API CH-4, CF-4, CG-4, CF/SJ
- > MTU 1.0, Deutz DQC-III-05
- > MB-229.1
- > Cummins CES-20077, CES-20076
- > Caterpillar ECF-1a, Global DHD-1

PUMA HD Super 25W-50 CF

HEAVY DUTY DIESEL ENGINE OIL



Description

PUMA HD Super 25W-50 CF is a high-quality lubricating oil formulated from selected base stocks with high viscosity index and high additive treat rate to impart superior detergency together with high-dispersant, anti-oxidation, anti-corrosion, anti-wear and anti-foam properties.

Applications

PUMA HD Super 25W-50 CF is specially developed for use in all types of high-output, normally-aspirated and turbo-charged diesel engines operating under very severe duty or which are subject to deposit formation or excessive wear due to design characteristics or to the fuel employed.

Benefits

- > Proven anti-wear additive packages
- > Suitable for use all year, in most climatic conditions
- > Extremely good oil life and lubricant stability
- > Excellent detergency properties, making it particularly suitable for use in super-charged engines
- > Contains a high-alkaline reserve (TBN) for protection against corrosive wear
- > Easy release of entrained air
- > Good anti-corrosion and anti-rust properties
- > Prevents the formation of water in oil emulsion.

Specifications

Meets:

- > API CF-4, CF-2, CF/SF

PUMA HD Super 40 CF

HEAVY DUTY DIESEL ENGINE OIL



Description

Puma HD Super CF is a lubricant that has been formulated with highly refined base stock and an additive package, designed to protect diesel engines against wear, particularly those engines using higher sulfur diesels. It contains inhibitors, dispersants-detergents and anti-wear additives that protect engines against corrosion, rust and oxidation.

Applications

PUMA HD Super CF is recommended for the lubrication of naturally aspirated and turbo charged diesel engines in heavy duty and passenger trucks, construction equipment, farm tractors, fishing boats and industrial stationary engines working under severe conditions.

Benefits

- > Proven anti-wear additive packages
- > Extremely good oil life and lubricant stability
- > Excellent detergency properties, making it particularly suitable for use in super-charged engines
- > Contains a high-alkaline reserve (TBN) for protection against corrosive wear
- > Easy release of entrained air
- > Good anti-corrosion and anti-rust properties

Specifications

Meets:

- > API :CF/SF



PUMA Gear Oil EP 80W-90

HEAVY DUTY GEARS & FINAL DRIVES

Description

PUMA Gear Oil EP 80W-90 is an Extreme Pressure (EP) gear oil for very highly-loaded gears. Its high-performance characteristics make it a reliable and versatile lubricant for the majority of operating conditions for differentials. PUMA Gear Oil EP 80W-90 is compatible with various seal materials to help prevent premature failure of seals and thus avoid leakage.

Applications

PUMA Gear Oil EP 80W-90 is recommended for the lubrication of differentials in passenger cars, trucks, buses and agricultural equipment working under severe operating conditions (hot or cold) and requiring API GL-5.

It can also be used in automotive applications, including heavy duty axles, conventional gear-boxes and steering-boxes on cars and trucks, gear-boxes, final drives, power take offs on farm and earth-moving machinery, where API GL-5 is required.

Benefits

- > Proven anti-wear additive packages, which provides greater resistance to sliding wear
- > Extremely good oil life and lubricant stability
- > Non-corrosive
- > Good anti-corrosion and anti-rust properties
- > Anti-foam qualities, which minimise the formation of air bubbles
- > Highly consistent and reliable friction performance.

Specifications

Approvals:

- > API GL-5
- > MT1
- > MIL-PRF-2105E
- > Mack GO-J
- > SAE J2360



PUMA Gear Oil 80W-90 LS

HEAVY DUTY GEARS & FINAL DRIVES



Description

PUMA Gear Oil 80W-90 LS is an Extreme Pressure (EP) gear oil formulated with extra high-performance additives for limited slip differentials.

Applications

PUMA Gear Oil 80W-90 LS is recommended for use in conventional gear-boxes and steering-boxes on cars, trucks and in gear-boxes, final drives and power take-offs on farm and earth-moving machinery requiring API GL-5.

Puma gear oils are compatible with various seal materials to help prevent premature failure of seals and thus avoid leakage.

Benefits

- > Proven anti-wear additive package, which provides greater resistance to sliding wear
- > Extremely good oil life and lubricant stability
- > Non-corrosive
- > Good anti-corrosion and anti-rust properties
- > Anti-foam qualities minimise the formation of air bubbles
- > Highly consistent and reliable friction performance.

Specifications

Approvals:

- > API GL-5
- > MT1
- > MIL-PRF-2105E
- > Mack
- > SAE J2360

PUMA Gear Oil EP 85W-140

HEAVY DUTY GEARS & FINAL DRIVES



Description

PUMA Gear Oil EP 85W-140 is an Extreme Pressure (EP) gear oil for use on very highly-loaded gears. It can also be used in automotive applications including heavy duty axles, conventional gear-boxes and steering-boxes on cars and trucks, gear-boxes, final drives, power take-offs on farm and earth-moving machinery where API GL-5 is required.

Applications

PUMA Gear Oil 85W-140 is recommended for the lubrication of differentials in passenger cars, trucks, buses and agricultural equipment working under severe operating conditions (hot or cold) and requiring an API GL-5.

Its high-performance characteristics make it a reliable and versatile lubricant for the majority of operating conditions for differentials.

Benefits

- > Proven anti-wear additive packages, which provides greater resistance to sliding wear
- > Extremely good oil life and lubricant stability
- > Non-corrosive
- > Good anti-corrosion and anti-rust properties
- > Anti-foam qualities which minimise the formation of air bubbles
- > Highly consistent and reliable friction performance.

Specifications

Approvals:

- > API GL-5
- > MT1
- > MIL-PRF-2105E
- > Mack GO-J
- > SAE J2360

PUMA Industrial Gear Oil EP

HEAVY-DUTY INDUSTRIAL GEAR OIL



Description

PUMA HD Industrial Gear Oil EP has been developed to meet the widest range of requirements of Extreme Pressure (EP) lubrication, such as gears operating under severe duty.

It is formulated from high-quality, base stocks and technology- delete advanced additive packs, such as sulphur compounds (which ensure good high-speed and shock-load performance) and phosphorous compounds (for low-speed and high-load performance).

It is available in ISO 68, 150, 220, 320, 460 and 680.

Applications

PUMA HD Industrial Gear Oil EP is recommended for splash or circulation lubrication of all types of enclosed gears, especially where operating conditions involve heavy loads, high speeds and high relative sliding velocities, at elevated ambient and operating temperatures.

It can also be used to lubricate other heavily-loaded parts and components such as couplings, transmission screws and low-speed plain bearings. As indicated, it can be used in oil-mist lubrication systems.

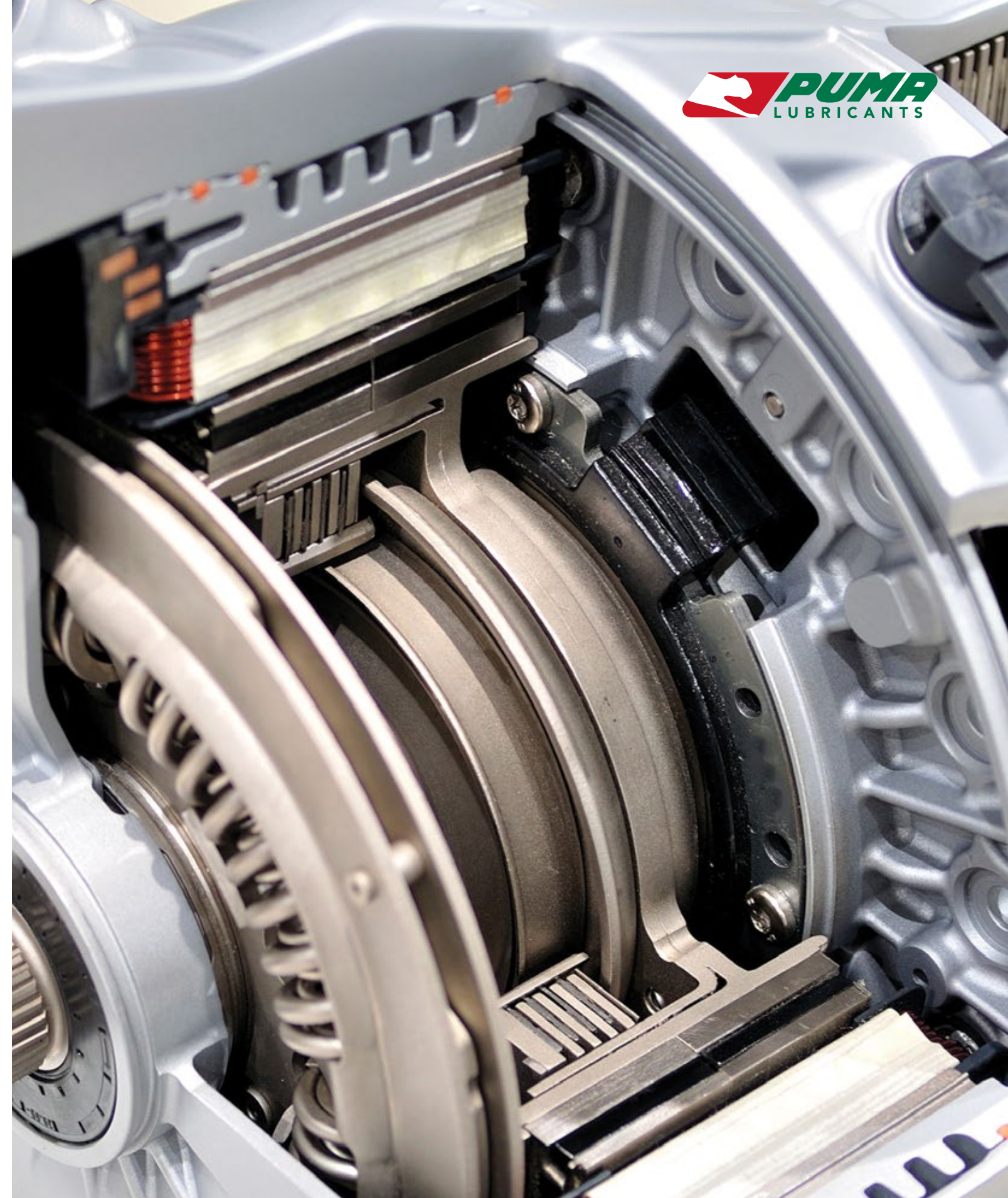
Benefits

- > Proven anti-wear additive package
- > EP performance
- > Extremely good oil life and lubricant stability
- > Anti-foam performance
- > Non-corrosive
- > Excellent load carrying capacity
- > Good anti-corrosion and anti-rust properties
- > Prevents the formation of water in oil emulsions.

Specifications

Meets:

- > AGMA 9005-E02
- > DIN 51517 Part 3
- > David Brown S1.53.101E
- > U.S. Steel 224



TRANSMISSION OIL



PUMA HD Drive Train 10W, 30, 50

HEAVY DUTY TRANSMISSION & HYDRAULIC OIL



Description

Puma HD drive train oils are specialised lubricants suitable for use in off highway mobile equipment. They are used for the lubrication of power shift, direct drive transmissions, final drives, differentials, winches, clutch plates, gears and bearings.

Applications

PUMA HD Drive Train oils are recommended for the lubrication of power shift, direct drive transmission, final drives, differentials, winches, clutch plates, gears and bearings.

They are compatible with various seal materials to help prevent premature failure of seals to avoid leakage.

Benefits

- > Proven anti-wear additive packages, which provides greater resistance to sliding wear
- > Extremely good oil life and lubricant stability
- > Non-corrosive
- > Good anti-corrosion and anti-rust properties
- > Prevents the formation of water in oil emulsions
- > Highly consistent and reliable friction performance.

Specifications

Meets:

- > Caterpillar TO-2, TO-4
- > ALLISON C-4, TES-439
- > API GL-4
- > KOMATSU KES 07.868.1
- > EATON M2950S, 1-280-S
- > ZF TE- ML 03C, 07D, 07F

PUMA Tractor Transmission

TRACTOR TRANSMISSION OIL



Description

PUMA Tractor Transmission is a multi-purpose lubricant with special properties, which make it suitable for use in modern tractors where a single product is used for the lubrication of the gearbox, differential, oil-bath clutches, wet brakes, hydraulic systems, final drives and power take-off gearboxes.

Applications

PUMA Tractor Transmission is recommended for the lubrication of all farm tractor original manufacturers components, except engines.

It has a comprehensive additive package that protects parts against oxidation, wear, corrosion and other issue that may reduce equipment life. Because of its characteristics, it is considered as a triple-action lubricant.

It can also be used on industrial hydraulic equipment working under light to moderate conditions and lubrication in general.

Note: It is not possible for a single formulation to cover all manufacturers' requirements, although Puma Tractor Transmission covers the majority of them.

Benefits

- > Proven anti-wear additive package
- > Suitable for use all year, in most climatic conditions
- > Extremely good oil life and lubricant stability
- > Excellent detergency properties to maintain clean internals
- > Easy release of entrained air, which will prevent difficulties with pumps and controls
- > Good anti-corrosion and anti-rust properties
- > Prevents the formation of water in oil emulsion.

Specifications

Meets:

- > API GL-4
- > Caterpillar TO-2
- > Deutz; / Allis Hydr Trans Fluid; / 25743 (PF-821XL), 257541 & 246634 Hydr Trans Fluid
- > FORD New Holland: M2C134D, M2C(A thru C), M2C86-(A thru C), M2C86-(A&B), M2C77-A, M2C53-A, M2C48-(B&C) & M2C41-B
- > J.I Case/Case International: MS-1204, 1205, 1206 (Powergard PFT), 1207(Hy-Tran Plus), 1209 (Hy-Tran Plus), 1210, JIC-143, 144, 145 (TCH Fluid) & 185 (TFD Fluid)
- > Allison: C-4, C-3
- > John Deere: J20C, J20D, J14 (A, B, C, JDT303), J20 (A, B, Hy-Gard), J21A & J27
- > Massey Ferguson: M1110, 1127(A&B), 1129A Permatran, Permatran-III, 1135, 1139, 1141, 1143, 1145
- > Oliver: Type 55, Type 5J & Q1802
- > Renk: Bus Automatic Trans Fluid
- > Steiger: Hydr Trans Fluid
- > Sauer Sunstrand/Danfoss: Hydro Static Trans Fluid
- > White: Gear & Hydr Trans Fluid
- > Eaton: Q-1705, 1722, 1766, 1766B (UTHF), 1802 & 1826
- > ZF TE-ML03, TE-ML06
- > Fiat-Hesston: AF-87
- > I.H.C.: B5 & B-6 Hytran
- > Volvo Wet-Brake
- > Kubota: UDT Fluid
- > Landini: Tractor Hydr Fluid
- > Parker/Denison: (Pump only) HF-(0 thru 2)



PUMA ATF DEX/MERC

AUTOMATIC TRANSMISSION FLUID

Description

PUMA ATF DEX/MERC is a special fluid employed mainly in modern automation transmissions and in many other applications where very low temperature performance, stability under mechanical loads and high viscosity index are required.

Applications

PUMA ATF DEX/MERC is specially designed for filling and topping-up automatic transmissions built by makers who recommend the use of GM ATF III type products, Ford Mercon, Allison TES specifications and the European OEM requirements. Additionally, it can be used as an industrial fluid, in piston pumps and screw compressors requiring this type of fluid.

It is compatible with all types of rubber used in gaskets and seals and can help prevent premature failure of seals and avoid leakages.

Benefits

- > High viscosity index
- > Low pour point, which guarantees excellent performance at low temperatures
- > Friction modifiers ensure quiet, smooth operation
- > Oxidation resistance, which promotes longer oil life
- > High detergent dispersant helps keep impurities in suspension and prevent deposit formation
- > EP additives help minimise wear and guard against damage to gear surfaces
- > Non-corrosive to steel and copper
- > Good anti-corrosion and anti-rust properties
- > Anti-foam performance
- > Anti-wear protection provides greater resistance to sliding wear
- > Non-toxic
- > Highly consistent and reliable friction performance.

Specifications

Approvals:

- > General Motors ATF III (G-34193)
- > Allison TES-389-B
- > Ford MERCON



PUMA ATF Multivehicle Synthetic - COMING SOON

AUTOMATIC TRANSMISSION FLUID

Description

PUMA ATF Multivehicle Synthetic is a special fluid employed mainly in modern automatic transmissions and in many other applications where very low temperature performance, stability to mechanical loads and high viscosity index are required.

Applications

PUMA ATF Multivehicle Synthetic is specifically designed for filling and topping-up automatic transmissions built by makers who recommend the use of GM ATF III type products, Ford Mercon, Allison C4 specifications and the European OEM requirements.

This fluid has been designed to meet the strict requirements for long drain intervals established by ZF.

Note: It is not recommended for CVT transmissions.

Benefits

- > High viscosity index
- > Low pour point
- > Friction modifiers which ensure quiet, smooth operation
- > Excellent oxidation stability, preventing deterioration
- > High-detergent dispersant helps keep impurities in suspension
- > EP additives help minimise wear and guard against damage to gear surfaces
- > Non-corrosive to steel and copper
- > Excellent anti-corrosion and anti-rust properties
- > Anti-foam qualities minimise any tendency to foaming

- > Proven anti-wear protection
- > Highly consistent and reliable friction performance.

Specifications

Approvals:

- > JASO 1-A
- > Allison C-4, TES- TES-295, 389, 389-B
- > Aisin Warner AW1
- > Chrysler ATFs
- > Hyundai SPI-II, III
- > MAN 339F, 339 V1/V2, Z1/Z2/Z3
- > Nissan Matic D, J, K
- > Voith 55.6335.XX (G607), 55.6336.XX (G1363)
- > Dexron, Dexron-II, IID, IIIG, IIIH
- > Mazda ATF-M III, ATF-MV
- > Saab 93 165 147
- > Volvo 97340
- > Audi G052 025-A2, G052 162-A1
- > Ford Tipo F, Mercon, Mercon V, SP, LV
- > JWS 3309
- > MB 236.1/236.2/236.5/236.6/235.7/236.9/236.10
- > Subaru ATF
- > VW G052 025-A2, G052 162-A1
- > BMW 7045E, LA2634, LT71141
- > Honda ATF-Z1
- > Kia SP-II, III
- > Mitsubishi Diamond SP-II, SP-III
- > Toyota WS, T-II, T-IV
- > ZF-TE ML, O3D, 09, 14A/C, 16L, 17C

PUMA Power Steering Fluid

POWER STEERING FLUID



Description

PUMA Power Steering Fluid has been formulated with a highly-refined mixture of paraffinic base stocks and a special inhibitor additive package.

It was specially developed for automotive power steering systems on passenger cars and light-duty trucks. It is formulated to ensure optimal functioning and cleanliness of power steering systems, by preventing the hardening or contraction of seals.

Applications

PUMA Power Steering Fluid is recommended for use on automotive power steering systems.

It is suitable for automotive hydraulic systems or industrial equipment, except those containing metal parts made from silver alloys, because the anti-wear additive contains zinc.

Benefits

- > Maintains excellent filterability in the presence of water
- > Non-corrosive
- > Good anti-wear properties
- > Compatible with rubber components
- > Prevents damage to gaskets and seals.

Specifications

Meets:

- > Denison HF-0, HF-1, HF-2
- > Eaton Vickers I-286-S and M-2950-S
- > Cincinnati Machine P-68, P-69, P-70
- > US Steel 127 and 136
- > DIN 51524, Part 2
- > General Motors LH-03-1, LH-04-1, LH-06-1
- > Sauer Danfoss
- > Bosch Rexroth
- > Commercial Hydraulics*
- > AFNOR NFE 49-690 (dry)
- > AFNOR NFE 48-691 (wet)
- > JCMAS HK

*Except in PM-500 series because they contain silver parts in pumps, a R&O specification is required.



HYDRAULIC OIL



PUMA HD Hydraulic 10W

INDUSTRIAL HYDRAULIC FLUID



Description

PUMA HD Hydraulic 10W is a high-quality, lubricating oil specially developed for use in all types of industrial plant hydraulic systems and many types of mobile equipment.

The oils are formulated from selected base stocks treated with "low zinc" technology, which provides for very high thermal, oxidative and hydrolytic stability.

Applications

Due to the major influence of viscosity on the efficiency of hydraulic machinery, the grade chosen should be that recommended by the system designer.

Purely as an indication, the lighter grades are generally used in high-speed machinery and in precision equipment, while the heavier grades are used in low-speed machinery with high hydrostatic pressures.

Can be used as heavy-duty lubricants for bearings and reduction units, where operating conditions call for special anti-wear characteristics.

Benefits

- > Proven anti-wear additive package
- > Extremely good oil life and lubricant stability
- > Anti-foam performance
- > Low pour point, which allows for easy start-up
- > High filterability (suitable for very fine filters)
- > Good anti-corrosion and anti-rust properties
- > Prevents the formation of water in oil emulsions
- > Minimised changes in viscosity throughout the normal range of operating temperatures.

Specifications

Approvals:

- > Parker (Denison) HF0, HF1, HF2
- > Fives (MAG) P68; P69; P70
- > EATON M2950S; I-286-S3
- > GM LS-2
- > SAE MS1004 (HM, HV)
- > US Steel 127, 136
- > Bosch Rexroth RE 90220
- > DIN 51524 Parte 2, 3
- > ISO 11158 (HM, HV)
- > AGMA 9005-E02-R0
- > ASTM D6158
- > AIST 126, 127
- > SEB 181222

PUMA Hydraulic AW

INDUSTRIAL HYDRAULIC FLUID



Description

PUMA Hydraulic AW is a high-quality lubricating oil, formulated from selected base stocks treated with "low zinc" technology, which provides for very high thermal, oxidative and hydrolytic stability.

It is available in ISO 32, 46, 68 and 100.

Applications

PUMA Hydraulic AW is recommended for use in all types of industrial plant hydraulic systems and many types of mobile equipment.

Due to the major influence of viscosity on the efficiency of hydraulic machinery, the grade chosen should be that recommended by the system designer.

Purely as an indication, the lighter grades are generally used in high-speed machinery and in precision equipment, while the heavier grades are used in low-speed machinery with high hydrostatic pressures.

Benefits

- > Proven anti-wear additive package
- > Extremely good oil life and lubricant stability
- > Easy release of entrained air, which prevents difficulties with pumps and controls
- > Low pour point, which allows for easy start-up
- > Suitable for very fine filters
- > Good anti-corrosion and anti-rust properties
- > Prevents the formation of water in oil emulsion.

Specifications

Approvals ISO 46 and 68:

- > Parker (Denison) HF0, HF1, HF2
- > Fives (MAG) P68; P69; P70

Meets:

- > Eaton M2950S; I-286-S3
- > GM LS-2
- > SAE MS1004 (HM, HV)
- > US Steel 127, 136
- > Bosch Rexroth RE 90220
- > DIN 51524 Part 2, 3
- > ISO 11158 (HM, HV)
- > AGMA 9005-E02-R0
- > ASTM D6158
- > AIST 126, 127
- > SEB 181222

PUMA Brake Fluid DOT-4

LUBRICANT FOR BRAKE SYSTEMS



Description

PUMA Brake Fluid DOT 4 is a synthetic, yellow-coloured fluid, designed to protect your disc and drum braking systems and clutch control systems against rust and oxidation. It meets the DOT 4 specification for brake fluids.

Applications

PUMA Brake Fluid DOT 4 is recommended for protecting parts from hydraulic brake systems equipped with drum or disk brakes and to prevent the hardening of seals and hoses that could cause leakage in the system.

It is also suitable for cases when the braking system is subjected to very severe operating conditions such as cars pulling caravans, commercial vehicles and heavy-loaded vehicles.

For maximum security, it is recommended to change the brake fluid every six months, or as recommended by the Original Equipment Manufacturer (OEM).

Benefits

- > High boiling point
- > Low freezing point
- > Resistant to water contamination
- > Excellent lubricating and anti-wear properties
- > Maximum protection against rust and corrosion
- > Resists harmful contamination due to entrained extraneous moisture which causes vapour locks
- > Compatible with rubber components and prevents damage to gaskets and seals.

Specifications

Approvals:

- > SAE J 1703
- > F.M.V.S.S. No116 DOT3 and DOT4
- > CUNA NC 956 DOT4
- > ISO 4925



PUMA Brake Fluid DOT-3

LUBRICANT FOR BRAKE SYSTEMS



Description

PUMA Brake Fluid DOT 3 is a synthetic, yellow-coloured fluid, designed to protect your disc and drum braking systems and clutch control systems against rust and oxidation.

Applications

PUMA Brake Fluid DOT 3 is recommended for protecting parts from hydraulic brake systems equipped with drum or disk brakes and to prevent the hardening of seals and hoses that could cause leakage in the system.

It is also suitable for cases when the braking system is subjected to very severe operating conditions such as cars pulling caravans, commercial vehicles and heavy-loaded vehicles.

For maximum security, it is recommended to change the brake fluid every six months, or as recommended by the Original Equipment Manufacturer (OEM).

Benefits

- > High boiling point
- > Low freezing point
- > Resistant to water contamination
- > Excellent lubricating and anti-wear properties
- > Maximum protection against rust and corrosion
- > Resists harmful contamination due to entrained extraneous moisture which causes vapour locks
- > Compatible with rubber components and prevents damage to gaskets and seals.

Specifications

Approvals:

- > SAE J 1703
- > F.M.V.S.S. No.116
- > DOT3
- > ISO 4925
- > NOM-113-SCFI-1995 (LF3)

PUMA HD Premium Coolant

COOLANT BASED ON ETHYLENE GLYCOL



Description

PUMA HD Premium Coolant is a pre-diluted, 50 per cent, anti-freeze coolant. It is a superior, fully-formulated, hybrid-technology engine coolant and is luminescent yellow in colour.

This hybrid technology coolant has the advantage of being more robust than both conventional and Organic Acid Technology (OAT) engine coolants and is low silicate, phosphate and amine free, providing excellent high temperature aluminium protection.

Applications

PUMA HD Premium Coolant is recommended for use in automotive (aluminium compatible), light-duty and heavy-duty diesel applications, specifically on-road, off-road, farm and marine.

It does not require an initial charge of Supplemental Coolant Additives (SCAs) upon initial fill in heavy-duty diesel applications, as the product is specially formulated to protect heavy duty diesel wet sleeve liners.

SCA addition is application dependent and should only be added as, and when, required by the vehicles Original Equipment Manufacturer (OEM).

This coolant is compatible with coolant filters and heavy duty diesel SCAs and coolant extenders.

Benefits

- > Prevents deposits
- > Universal use
- > Good anti-rust properties
- > High boiling point
- > Excellent anti-cavitation properties
- > Excellent anti-foam properties

- > Compatible with both conventional and OAT coolants.

Specifications

Meets:

- > ASTM D-3306, D-4985, D-6210
- > MAN 324
- > Caterpillar EC1
- > Mercedes Benz DBL 325
- > Cummins 14603
- > MTU MTL 5048
- > Detroit Diesel 7SE 298
- > New Holland WSN-M97B 18-D
- > Daimler Chrysler MS 7170, MS 9769
- > PACCAR
- > Ford ESE-M97B44A, ESE-M97B18-C
- > Ford WSS-MP7B51-A1
- > Peterbilt 8502.002
- > Freightliner 48-2288D
- > Perkins
- > GM 1825M, 1899M, GM, Heavy Truck
- > Saab-Scania 6901
- > Hyundai
- > SAE J1034, J1941
- > JIS K2234
- > TMX RP 329
- > Kenworth RO26-170-97
- > Volvo Heavy Truck
- > Landrover
- > White Star
- > MACK trucks
- > US Federal A-A-870-A

PUMA Minegrease Moly EP2

EXTREME PRESSURE MOLY GREASE



Description

PUMA Minegrease Moly EP2 is a premium, high-performance, multi-purpose grease intended for a variety of applications.

It is based on a blend of high viscosity, semi-synthetic mineral oils, a lithium complex soap thickener, specially selected lead-free extreme pressure additives, rust and oxidation inhibitors, plus a tackiness agent. Molybdenum Disulphide is also added to the formulation to enhance its shock loading properties.

Applications

PUMA Minegrease Moly EP2 was developed for use in a wide range of industrial and mining applications, including mining and earthmoving equipment, agricultural equipment, marine applications, pins and bushes and commercial vehicles.

The recommended temperature range is from -25°C to 175°C. However, it may be used intermittently up to 200°C with the lubrication frequency to be increased accordingly.

It meets the requirements of mining and off-road equipment manufactured by Caterpillar, Terex, Komatsu, Liebherr and P&H.

Benefits

- › Good anti-wear and EP performance
- › Superior resistance to water wash-out
- › Great physical and chemical stability, which ensures grease remains unaltered
- › Effective rust protection
- › Water resistant
- › Good anti-corrosion and anti-rust properties
- › Extremely good lubrication and wear protection for rolling bearings
- › Highly adhesive.





PUMA Heavy Duty Grease EP2

EXTREME PRESSURE GREASE

Description

PUMA Heavy Duty Grease EP2 is a high-performance, multi-purpose grease intended for a variety of applications.

It is based on a blend of high viscosity, semi-synthetic mineral oils, a lithium complex soap thickener, specially selected lead-free extreme pressure additives, rust and oxidation inhibitors, as well as a tackiness agent.

Applications

PUMA Heavy Duty Grease EP2 is recommended for use in highly-loaded, slow-moving bearings and bushes in mining and earthmoving equipment, agricultural equipment, marine applications and commercial vehicles.

It is also suitable for use at high temperatures and in wet conditions. The recommended temperature range is from -25°C to 175°C. However, it may be used intermittently up to 200°C with the lubrication frequency to be increased accordingly.

Benefits

- > Anti-wear and EP performance
- > Superior resistance to water wash-out
- > Great physical and chemical stability, which ensures the grease remains unaltered
- > High dropping point
- > Ensures effective rust-protection
- > Water-resistant
- > Good anti-corrosion and anti-rust properties
- > Extremely good lubrication and wear protection for roller bearings
- > Highly adhesive and cohesive.



PUMA Multipurpose Grease EP2

EXTREME PRESSURE GREASE

Description

PUMA Multipurpose Grease EP2 is a high-performance, multi-purpose grease intended for a variety of applications.

It is based on a blend of high viscosity index mineral oils, a lithium complex soap thickener, specially selected lead-free Extreme Pressure (EP) additives, rust and oxidation inhibitors and a tackiness agent.

Applications

PUMA Multipurpose Grease EP2 is designed to lubricate hub bearings and wheels fitted with disc brakes, which operate at particularly high temperatures.

Applications include wheel bearing applications in wet and shock loading environments, chassis grease, high-speed fans, pump and electric motor bearings, CV joints, pins and bushes, passenger cars, commercial vehicles and off-highway equipment.

The recommended temperature range is from -25°C to 175°C. However, it may be used intermittently up to 200°C with the lubrication frequency to be increased accordingly.

Benefits

- > Anti-wear and EP performance
- > Superior resistance to water wash-out
- > Great physical and chemical stability
- > High dropping point
- > Ensures effective rust protection
- > Water resistant
- > Extremely good lubrication and wear protection
- > Highly adhesive.



PUMA Lith EP Grease

EXTREME PRESSURE GREASE

Description

PUMA Lith EP Grease is recommended for rolling and plain bearings lubrication, whether operating under normal or severely loaded service conditions.

Due to its excellent shear stability and high load extreme pressure characteristics, it protects all moving parts from shock loading and reduces scuffing and wear.

Lith EP greases are manufactured with lithium hydroxystearate base thickener and selected high viscosity index mineral oils combined with rust, oxidation and corrosion inhibitors and Extreme Pressure (EP) additives.

Applications

PUMA Lith EP Grease is a multi-purpose grease for high and low temperature applications.

The NLGI semi-fluid grades, which are Nos, 00, 0, are recommended for "self-levelling" applications or through centralised automatic lubrication systems.

Lith EPO0 is suitable for the lubrication of enclosed gears and bearings in poorly sealed gear cases and as a replacement for gear oils that cannot be retained in gearboxes due to worn seals. Lith EPO is suitable for centralised lubrication systems where the grease must be pumped a significant distance or through small grease lines.

The recommended temperature range is -20°C to 130°C, however it can be used at higher temperatures with the lubrication frequency increased accordingly.

Benefits

- > High shear stability, which ensures long service life
- > Rust inhibitors
- > Water resistant
- > Superior oxidation and thermal stability
- > Good pumpability.



DETERGENTS AND DEGREASERS



PUMA Mint Grit Hand Cleaner

HANDCLEANER



Description

PUMA Mint Grit Hand Cleaner is a safe, non-toxic cleaner formulated to remove greases, oils and soils encountered in the workplace.

It contains a combination of Cenolite silica and lightweight alumina aggregate to provide a gentle abrasive action, removing ingrained dirt from the skin. Moisturisers and vitamin E rejuvenates the skin after cleaning.

Applications

PUMA Mint Grit Hand Cleaner is recommended for use in domestic or commercial workshops, farms and gardens.

Directions for use: Place a small quantity into the palm of your hand. Avoid wetting hands prior to use as this will reduce efficiency. Massage well into heavily soiled areas. Rinse with clean water. Dry hands and repeat if necessary on stubborn stains.

Benefits

- > Peppermint scented
- > Moisturising, as it contains both macadamia nut oil and vitamin E
- > Fully biodegradable
- > pH balanced
- > Shifts stains easily
- > No petroleum hydrocarbon or solvents
- > Phosphate free
- > 100% soap free
- > Safe to use – non-toxic and non-corrosive
- > Leaves skin soft and smooth
- > Market leading technology
- > Contains 'Cenolite' abrasive beads for more efficient cleansing.

PUMA Quick Break Degreaser

BREAK DEGREASER



Description

PUMA Quick Break Degreaser is a multi-purpose, high-flashpoint solvent degreaser.

The high flashpoint and moderate aromatic content of the solvent base makes this product ideal for use in automotive workshops on a wide range of equipment.

Applications

PUMA Quick Break Degreaser is recommended for use in agriculture, construction, mining, transport, heavy-duty workshop environments, parts degreasing, parts washers, plant and machinery and concrete floors.

Benefits

- > High flashpoint
- > Easily washes off in water
- > Low odour
- > Safe to use on all metals
- > Ready to use
- > Low volatility and flammability
- > Quick separation of oil and water in separators.

PUMA Solvent Cleaner

SOLVENT CLEANER



Description

PUMA Solvent Cleaner is a highly-volatile, hydrocarbon solvent that performs well in situations requiring a solvent that evaporates quickly leaving no residue.

Applications

PUMA Solvent Cleaner is recommended for use in agriculture, construction, mining, transport and a range of heavy-duty workshop environments. It can be used as a brake cleaner, metal cleaner and preparation prior to painting.

Benefits

- > Performance focus
- > Fast evaporation
- > Low residue contact cleaner
- > Safe to use on all hard surfaces.

PUMA Truckwash

TRUCKWASH



Description

PUMA Truckwash is a powerful, non-toxic, biodegradable detergent which is highly effective in removing dirt, grime, grease, mud and oil.

Applications

PUMA Truckwash is recommended for cleaning buildings, vehicle bodies and chassis, boats, motorcycles and agricultural, mining and earthmoving equipment. It is suitable for a wide range of surfaces, including paintwork, windscreens, aluminium, chrome, rubber, tarpaulins and vinyl. It is concentrated and easy to use, will not fade or damage paint and dries streak-free.

Directions for use: Dilute Puma Truckwash 1:10 with water. Spray, foam or sponge on. Allow 5-10 minutes and then rinse off with clean water for a streak-free finish.

PUMA Truckwash is suitable for use in conjunction with industrial foaming applications, to produce a stable cleansing foam. In these cases, leave the foam to sit for 10 minutes prior to rinsing off with clean water to leave a shiny, streak-free finish.

Benefits

- > Penetrates soiled areas
- > Non-toxic and readily biodegradable according to AS 4351.2: Biodegradability – organic compounds in an aqueous medium
- > Combination of the chemical action of the cleaner, with the stripping action of high pressure jets improves cleaning power.



PUMA Advanced 0W-40 SN - COMING SOON

PETROL ENGINE OIL

Description

PUMA Advanced 0W-40 SN is a synthetic lubricant that meets and exceeds the specification VW 502 00, VW 505 00, designed for European cars and light commercial vehicles. The lubricant adheres tenaciously to all surfaces and resists removal from extreme pressure areas, even when the engine is shut down, securing adequate protection at start-up. This is important because the highest wear conditions in an engine occur at start up due to the lack of lubricant.

Applications

PUMA Advanced 0W-40 SN is a synthetic multigrade lubricant. It complies with the requirements of the Service Fill standard for Volkswagen Group petrol and diesel engines, including diesel engines with Jet injection systems.

Puma Advanced is recommended for drain intervals of up to 15,000 km per year.

It also meets Mercedes, Porsche and BMW specifications.

Benefits

- > Excellent protection against rust and corrosion.
- > Low coefficient of friction, which increases engine life.
- > Always keeps the engine clean, as it combats formation of sludge and varnishes.
- > Exceptional resistance to oil thickening
- > It facilitates an exceptional starting at cold temperatures due to its low viscosity, reducing wear on start-up.

Specifications

Approvals:

- > API SN
- > ACEA A3/B4-12
- > VW 502 00/505 00
- > MB- 229.31
- > BMW LL- 01
- > Porsche A 40



PUMA Advanced 5W-30 SN

PETROL ENGINE OIL



Description

PUMA Advanced 5W-30 SN is a high-quality, multi-grade, long-drain synthetic lubricant. It provides enhanced engine protection through increased oxidation resistance.

Specially developed for use in all types of high-output, normally aspirated, super-charged and turbo-charged engines operating under very severe duty. It is manufactured from selected base stocks with high-viscosity index and low pour point.

These oils are treated with corrosion, anti-wear and anti-foam properties.

Applications

PUMA Advanced 5W-30 SN has been specially designed for the lubrication of the latest generation of American, European and Asian 2011 and later petrol engines, requiring synthetic lubricants with an API service SN/GF-5, as well as for hybrid vehicles using Ethanol fuel up to E85.

It can be used in any vehicle operating in city streets and highways.

This technology has been incorporated into our lubricants range to meet, or exceed, the majority of requirements from most Original Equipment Manufacturers (OEM).

Benefits

- > Anti-wear protection, which increases equipment life
- > Suitable for use all year, in most climatic conditions
- > Extremely good oil life and lubricant stability, even when subjected to unusually high thermal stresses
- > Excellent detergency properties, which increases engine cleanliness
- > Easy release of entrained air, which will prevent difficulties with pumps and controls
- > Fuel saving properties
- > Low pour point, which allows for easy start-up
- > Good anti-corrosion and anti-rust properties

Specifications

Approvals:

- > API SN
- > ACEA C3-12
- > VW 504 00/507 00
- > MB- 229.51
- > BMW LL- 04
- > Porsche C 30

PUMA Extra 5W-40 SN

SEMI-SYNTHETIC ENGINE OIL



Description

PUMA Extra 5W-40 SN is a semi-synthetic lubricant that exceeds the performance of mineral lubricants, due to its advanced technology. The lubricant adheres tenaciously to all surfaces and resists removal from those- delete extreme pressure areas, even when the engine is shut down, securing adequate protection at start-up. This is important because the highest wear conditions in an engine occur at start up due to the lack of lubricant.

Applications

PUMA Extra 5W-40 SN is recommended for petrol engines for European, Asian, and American OEMs. For use in passenger cars and light duty trucks with turbo-charged petrol engines or direct injection engines operating under the maintenance procedures recommended by the manufacturer. Keeps engine lubricated under any condition.

Benefits

- > Anti-wear protection, which increases the life of equipment
- > Suitable for use all year, in most climatic conditions
- > Maximum protection against rust and corrosion
- > High detergency, making it suitable for use in supercharged engines
- > Anti-foam performance
- > Fuel saving properties
- > Low pour point
- > Prevents the formation of water in oil emulsion.

Specifications

Approvals:

- > API SN

Meets:

- > VW 502 00, 505 00, 505 01
- > ACEA C3-10, A3/B4-04
- > MB 229.31
- > FORD WSS-M2C917A
- > BMW Longlife-04
- > Renault RN0700, RN0710
- > Porsche A40
- > Dexos2 (Opel GM LL-A025, GM LL-B025)

PUMA Super 20W-50 SN HEAVY DUTY PETROL ENGINE OIL



Description

PUMA Super 20W-50 SN is a high-quality lubricating oil, specially developed for use in all types of high-output, normally-aspirated and turbo-charged petrol engines operating under very severe duty, or which are subject to deposit formation or excessive wear due to design characteristics or to the fuel employed.

It is formulated from selected base stocks with a high viscosity index and low pour point. The oils are also treated with a large percentage of additives to impart superior detergency together with high-dispersant, anti-oxidation, anti-corrosion, anti-wear and anti-foam properties.

Applications

PUMA Super 20W-50 SN provides an excellent performance in any existing advance design engine on the market.

It is recommended for the lubrication of all Euro, Asian and American vehicles requiring a mineral lubricant with API SN and viscosity grade 20W-50.

For use in highways and off-road applications.

Benefits

- > Proven anti-wear additive package
- > Suitable for use all year, in most climatic conditions
- > Extremely good oil life and lubricant stability
- > Excellent detergency properties
- > Easy release of entrained air, which prevents difficulties with pumps and controls
- > Low pour point
- > Good anti-corrosion and anti-rust properties
- > Prevents the formation of water in oil emulsion.

Specifications

Meets:

- > API SN



2 STROKE AND OUTBOARD OIL



PUMA 2T Two Stroke Oil

PETROL ENGINE OIL



Description

PUMA 2T Two Stroke Oil is formulated with a complete package of low-ash additives, which have good detergent characteristics to ensure a clean engine and exhaust system. Its proven anti-wear additive package provides greater resistance to sliding wear, thus ensuring the efficiency and long-life of all moving parts, which greatly reduces the need for engine servicing and overhauls.

It has particularly good anti-corrosive properties, which effectively protect the engine from corrosion, combustion moisture and acids. These additives inhibit the oxidation of the internal surfaces of the engine and therefore prevent operating difficulties and breakdown of the oil caused by metallic oxides that would otherwise form within the engine.

Applications

PUMA 2T Two Stroke Oil is recommended for the lubrication of motorcycles, scooters, mopeds and small agricultural implements, as well as accessories.

It is formulated with selected components and is perfectly compatible for mixing with all unleaded petrols.

Benefits

- > Low-ash additive package
- > Anti-wear protection, which increases the equipment life
- > Good anti-corrosion and anti-rust properties
- > Ensures perfect engine operation with unleaded petrol.

Specifications

Approvals:

- > API TA/TB

PUMA 2T Outboard TC-W3

PETROL ENGINE OIL



Description

PUMA 2T Outboard TC-W3 is formulated with a complete package of low-ash additives, which have good detergent characteristics to ensure a clean engine and exhaust system.

It has particularly good anti-corrosion properties, which effectively protect the engine from corrosion, combustion moisture and acids. These additives inhibit the oxidation of the internal surfaces of the engine and prevent operating difficulties and breakdown of the oil caused by metallic oxides, which would otherwise form within the engine.

Applications

Due to its chemical characteristics, PUMA 2T Outboard TC-W3 is recommended for the lubrication of two-stroke, water-cooled petrol marine engines used in fishing and recreational boats.

It is formulated with selected components and is perfectly compatible for mixing with all present unleaded petrols. The most recommended petrol-oil proportion is 50:1.

PUMA 2T Outboard TC-W3 can be recommended for air-cooled, two-stroke engines when applications call for an API TC.

Benefits

- > Registered at the National Marine Manufacturers Association (NMMA), as recommended for the majority of manufacturers of two-stroke engines
- > Anti-wear protection, which increases the equipment life
- > Good anti-corrosion and anti-rust properties
- > Ensures perfect engine operation with unleaded petrol.

Specifications

Approvals:

- > API TC-W3



The information contained in this Product Catalogue is based on typical tests and they are average values valid at the time of this review. Minor variations that do not affect the overall performance of the product may be expected, however it is important to verify the requirements of the equipment manufacturer.



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