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GREASE – LUBRICATORS

DIESEL ENGINE OIL – HALF SYNTHETIC – 10W40

REF [141TA1165](#) – 5 l

Product description:

- New generation, synthetic technology, very high performance, low SAPS (low rate of sulphur, ash and phosphorus) heavy-duty diesel engine oil
- Particularly suitable for Euro 6 and previous engines equipped with diesel particulate filters (DPF) / selective catalytic reduction (SCR) when recommended by manufacturers

Specifications:

- API CI-4
- ACEA E6/E7
- ACEA E4-99 issue 3

OEM approvals:

- Mercedes-Benz: MB-approval 228.5/228.51
- MAN: M 3477 / 3277-CRT
- Volvo: VDS-3
- Renault: RLD-2
- DAF
- MTU: 3.1
- MACK EO-N

Advantages:

- Proven lubrication performances with excellent anti-wear and detergency properties
- Outstanding anti-oxidant and anti-corrosion properties allowing long drain intervals
- Excellent piston cleanliness performances providing a perfect protection against bore polishing and cylinder wear
- Exceptional thermal stability due to a blend of highly qualified base oils



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DIESEL ENGINE OILS – MINERAL – 15W40

REF [141TA3196](#) – 5 l

REF [136TA2983](#) – 20 l

REF [141TA3197](#) – 60 l

REF [140TA8778](#) – 208 l

Product description:

- Developed to answer the very severe technical constraints of the new low-emission diesel engines
- Adapted to the most severe servicing conditions: transport, public works ...
- Suitable for Euro 1, 2, 3 & 4 engines (except Euro 4 MAN and DAF engines)

Specifications:

- ACEA E5/E7
- API CI-4/SL
- EO-M+

OEM approvals:

- Global: DHD-1
- Mercedes-Benz: MB-approval 228.3
- MAN: M 3275
- Cummins: 20071/20072/20076/20077/20078
- Volvo: VDS-3
- Mack: EO-N
- Renault Trucks: RLD/RLD-2
- Meets the requirements of: CAT ECF-1a

Advantages:

- Its very high performance level insures longer drain intervals
- Use the same lubricant for all the diesel engines of your fleet, whatever their brand
- Exceptionally good anti-wear and anti-corrosion properties
- Good efficiency against bore polishing
- Excellent viscosity stability in operation
- Very high detergency and dispersancy levels (limits oil thickening due to soots)



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DIESEL ENGINE OILS - HALF SYNTHETIC

- REF [140TA8779](#) - 20 l, 10W
- REF [141TA3198](#) - 60 l, 10W
- REF [141TA3199](#) - 208 l, 10W
- REF [141TA3200](#) - 20 l, 30W

Product description:

Diesel engine oil recommended for hydraulic systems when the manufacturer requires an engine oil with an appropriate grade for these applications

Specifications:

- ACEA E2
- API CF/SF

OEM approvals:

- MAN: 270
- MIL-L: 2104 E
- Vickers: 35VQ25
- ZF: TE-ML 03B

Advantages:

- Monograde
- High viscosity index
- High stability in operation
- Exceptional detergency level
- Very high dispersancy level
- Excellent anti-wear, anti-oxidant, anti-corrosion and anti-foaming properties



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DIESEL ENGINE OILS - MINERAL - 15W40

- REF [107TA7203](#) - 5 l
- REF [107TA7204](#) - 20 l
- REF [107TA7205](#) - 60 l
- REF [107TA7206](#) - 208 l

Product description:

- Specially developed for lubrication of turbocharged Euro 2 diesel engines
- Also suitable for all diesel engines of previous generations, in severe service conditions
- Suitable for extended drain intervals (up to 30 000 km according to manufacturers)
- Suitable for off-road equipment engines which need an API CG-4/SJ lubricant

Specifications:

- ACEA E2
- API CG-4/SJ

OEM approvals:

- Mercedes-Benz: 228.1
- MAN: 271
- Volvo: VDS
- Mack: EO-L
- MTU oil: Type 1
- Caterpillar: TO-2
- MIL-L: 2104E

Advantages:

- Multigrade
- Very high viscosity index
- Excellent viscosity stability in operation
- Excellent detergency level
- Very high dispersancy level (avoids combustion soots agglomeration)
- Excellent anti-wear and anti-corrosion properties



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MULTIGRADE OIL – DIESEL ENGINES

REF [140TA8775](#) – 20 l

REF [140TA8774](#) – 60 l barrel

Product description:

- Super universal oil for all agricultural machineries allowing a great simplification of the maintenance
- Very large temperature range of use, from low outside temperatures to the highest working temperatures
- All turbocharged or naturally aspirated diesel engines working under the most severe conditions
- Mechanical transmissions
- Hydraulic systems
- Wet brakes and/or immersed clutches

Specifications and OEM approvals:

- Engines:
 - API CE
 - CCMC D4
 - MIL-L-2104 D
 - MB 227.1
- Transmissions:
 - API GL 4
 - API GL 5 (hT/IS)
 - Allison C4
 - Caterpillar TO2
- Hydraulic:
 - ISO HV 68/100
- Utto:
 - Massey Ferguson M 1135
 - John Deere J 20 C
- Multipurpose (STOU):
 - Massey Ferguson M 1139
 - Massey Ferguson M 1144
 - Ford M2C 159B
 - John Deere J 27

Viscosity:
SAE 10W30



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DIESEL ENGINE OIL – SYNTHETIC – 5W40

REF [140TA8959](#) – 20 l

Product description:

- Fully synthetic top performance motor oil for petrol, diesel and LPG engines
- Is particularly suitable for turbo-compressed, multi-valve and direct injection engines
- Meets the most demanding driving conditions (motorway, heavy urban traffic ...) during all seasons
- Perfectly suited for engines with catalytic converters

Specifications:

- ACEA A3/B4
- API SN/CF

OEM approvals:

- PSA Peugeot Citroën: B71 2296 gasoline & diesel
- Volkswagen: 502.00/505.00
- BMW: LL-01
- Mercedes-Benz: MB-approval 229.3
- Porsche: A40

Advantages:

- Extended intervals between oil changes: protects against oxidation
- All driving conditions: good fluidity at low temperatures for facilitating cold starts, resistant even at the highest temperatures
- Optimum engine protection: immediate lubrication of all engine components at start-up, even the most fragile
- Engine cleanliness: detergent and specific dispersive additives



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GEAR OILS – 80W90

- REF [107TA7199](#) – 5 l
- REF [107TA7200](#) – 20 l
- REF [107TA7201](#) – 60 l
- REF [107TA7202](#) – 208 l

Product description:

Diesel engine oil recommended for hydraulic systems when the manufacturer requires an engine oil with an appropriate grade for these applications

Specifications:

- ACEA E2
- API CF/SF

OEM approvals:

- MAN: 270
- MIL-L: 2104 E
- Vickers: 35VQ25
- ZF: TE-ML 03B

Advantages:

- Monograde
- High viscosity index
- High stability in operation
- Exceptional detergency level
- Very high dispersancy level
- Excellent anti-wear, anti-oxidant, anti-corrosion and anti-foaming properties



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AUTOMATIC TRANSMISSION OILS – DEXRON[®] IID

- REF [107TA7213](#) – 5 l
- REF [107TA7214](#) – 20 l
- REF [107TA7215](#) – 60 l
- REF [107TA7216](#) – 208 l

Product description:

- Used for automatic or semi-automatic transmissions and torque converters of passenger cars, light commercial vehicles and industrial vehicles, when the manufacturer requires an ATF (Automatic Transmission Fluid) GM Dexron[®] IID. Not suitable when a fluid type Ford M2C-33F or G is required
- Used for manual gear boxes when an ATF fluid is required
- Used for hydrostatic transmissions and power steering
- Used for hydraulic systems when a fluid type GM Dexron[®] IID is required

OEM approvals:

- BMW group: 23 - 3.0 and 24 - 3.0
- Ford: Mercon[®]
- Dexron[®]: IID
- MAN: 339 type Z-1 (ex MAN 339 type D)
- MAN: 339 type V-1 (ex MAN 339 type D)
- MB-approval: 236.6
- Voith H 55.633535
- PSA Peugeot Citroën: S71 2102
- ZF: TE-ML 03D, 04D, 09, 11A, 14A, 17C

Advantages:

- Very high viscosity index linked with an excellent viscosity stability in operation
- Very low pour point
- Very good thermal stability
- Excellent resistance to oxidation



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OILS FOR HYDRAULIC SYSTEMS AND TRANSMISSIONS COMPONENTS – 30W

- REF [107TA7217](#) – 5 l
- REF [107TA7218](#) – 20 l
- REF [107TA7219](#) – 208 l

Product description:

- Recommended for hydraulic system, powershift gearbox, axle and final drives for which the manufacturer recommends a fluid meeting the Caterpillar TO-4 specification
- Also used in the following brands of powershift or mechanical transmissions:
 - Komatsu
 - ZF
 - Eaton Fuller
 - Allison
 - Dana
 - Rockwell

Specifications:

- Caterpillar: TO-4
- KOMATSU Micro clutch / KES 07-868-1
- Allison: C4

Advantages:

- Excellent anti-wear and anti-corrosion properties
- Good performance with respect for seals
- Anti-foam
- Friction properties adapted to the types of equipment referenced



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TRANSMISSION OILS

- REF [140TA8960](#) – 20 l
- REF [143TA7414](#) – 60 l
- REF [143TA7413](#) – 208 l

Product description:

- Lubrication of transmissions requiring a GL-4 level product
- Lubrication of automatic transmissions, torque converters and hydrostatic transmissions
- Used in hydraulic systems and power-assisted steering
- Lubrication of power take-offs with wet clutches
- Cooling of oil bath disc brakes

Specifications:

- API: GL-4
- Massey Ferguson: CMS M 1145/1143
- John Deere: JDM J 20C
- CNH: MAT 3505/3525/ 3509
- Case: MS 1206/1207/1209
- New Holland: NH 410B/NH 410C
- Ford: M2C 134D/FHNA 2C 201.00
- Mc Cormick: HTX
- Claas/Renault Agriculture

OEM approval:

- Massey Ferguson: CMS M 1145/1143
- Volvo CE: WB 101
- ZF: TE-ML 03E/05F/06K/17E

Advantages:

- Suitable for a wide range of agricultural and public works equipment thus allowing the stock of lubricants to be reduced
- Excellent low-temperature performance (protects friction brakes against sticking) and high-temperature performance (protects against judder or slip)
- Very good extreme-pressure and anti-wear properties giving optimum protection of gears and hydraulic components



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ASHLESS MINERAL HYDRAULIC FLUID WITH A VERY HIGH VISCOSITY INDEX

REF [140TA8776](#) – 20 l, ISO VG 15

Product description:

- A hydraulic fluid designed for outdoor equipments operating under extremely low temperatures
- The very high viscosity index extends the temperature operating window of the hydraulic systems

International specifications:

- ISO 11158 HV
- DIN 51524-3 HVLP

Advantages:

- The low cold-temperature viscosity is limiting the cavitation issues during the start-up operations. With this low viscosity level the hydraulic system can be fully operable immediately after the start-up

- Good shear stability ensuring the high temperature lubricating film thickness and the hydraulic pump efficiency during all the fluid life
- Ashless formulation offering a very high oxidation stability, reducing deposits and varnishes formation and allowing extended drain intervals
- Good wear, rust and corrosion protection of the material
- Excellent air release behaviour



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VERY HIGH-PERFORMANCE ANTI-WEAR HYDRAULIC OILS

REF [141TA3215](#) – 20 l, ISO VG 10

REF [141TA3216](#) – 20 l, ISO VG 32

REF [107TA7207](#) – 5 l, ISO VG 46

REF [107TA7208](#) – 20 l, ISO VG 46

REF [107TA7209](#) – 60 l, ISO VG 46

REF [107TA7210](#) – 208 l, ISO VG 46

Product description:

- Designed for use in all kind of hydraulic systems running under the most difficult conditions, such as in machine tools, mould injection machines, presses and other industrial or mobile equipment
- Also used in many other applications, where a universal high-performance anti-wear lubricant is the first choice: low charged gears, sliding and roller bearings, air compressors, servo-motors and control systems equipped with fine filtration system

Specifications:

- Afnor NF E 48-603 HM
- ISO 6743/4 HM
- DIN 51524 P2 HLP

OEM approvals:

- Vickers: M-2950S, -I-286
- Denison: HF0, HF1, HF2 (T6H20C)
- Cincinnati Milacron: P68, P69, P70

Advantages:

- High protection against wear ensuring maximum equipment life
- Superior thermal stability avoiding formation of sludge even at high temperatures

- Very good oxidation stability ensuring a long service life of the fluid
- Remarkable filterability even in the presence of water
- Excellent hydrolytic stability avoiding filter blocking
- Excellent protection against rust and corrosion
- Good anti-foam and air release properties by using silicon-free components
- Good demulsibility ensuring rapid water separation
- Reduced maintenance and operating costs



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HIGH-VISCOSITY INDEX ANTI-WEAR HYDRAULIC OILS

- REF **107TA7211** – 1 l, ISO VG 15
 REF **107TA7212** – 5 l, ISO VG 15
 REF **141TA5202** – 20 l, ISO VG 22
 REF **141TA2734** – 20 l, ISO VG 32

Product description:

- Recommended for all kind of hydraulic systems operating under high pressure (limit as indicated by the pump manufacturer) and high temperature (up to 100 °C in hot points)
- Lubricants especially suitable for hydraulic systems working under extreme temperature variations and equipment operating outside: easy start-up at low temperature (-30 °C) and regular operating in all seasons: civil engineering, agriculture, marine, transport and other industrial applications

International specifications:

- Afnor NF E 48-603 HV
- ISO 6743/4 HV
- DIN 51524 P3 HVLP
- Cincinatti Milacron P68, P69, P70
- Vickers M-2950S, -I-286
- High protection against wear ensuring maximum equipment life
- Excellent hydrolytic stability avoiding filter blocking
- Remarkable filterability even in the presence of water
- Excellent protection against rust and corrosion

Advantages:

- Very high viscosity index
- Excellent shear stability
- Superior thermal stability avoiding the formation of sludge even at high temperatures
- Very good oxidation stability ensuring a long service life of the fluid
- Good anti-foam and air release properties by using silicon-free components
- Very low pour point
- Good demulsibility ensuring rapid water separation



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BIODEGRADABLE HYDRAULIC FLUIDS

- REF **141TA2739** – 20 l, ISO VG 46
 REF **138TA3968** – 20 l, ISO VG 68
 REF **141TA2738** – 208 l, ISO VG 68

Product description:

- A biodegradable synthetic hydraulic fluid offering good lubricating properties. It was designed for demanding hydraulic systems requiring hydraulic fluids with reinforced anti-wear properties
- Recommended for use when incidental spillage in environmentally sensitive areas can occur, e.g.: forestry works, navigation, off-shore, water catchment areas, ski resorts, hydroelectric stations ...

Specifications:

- ISO 15380 HEES



Advantages:

- Produced with renewable raw materials, this oil contributes to CO₂-emission reduction
- High natural viscosity index gives a wide temperature operating window (-20 °C to 80 °C)
- The very high shear stability will ensure the hydraulic equipment is kept to an optimum efficiency during the fluid service life
- The good lubricating properties, as well as the very good wear and corrosion protection, extends the life of the hydraulic system's moving components



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BIODEGRADABLE HYDRAULIC FLUIDS SUITABLE FOR INCIDENTAL FOOD CONTACT

REF [138TA3967](#) – 20 l
REF [141TA2742](#) – 208 l

Product description:

- Oil for hydraulic systems presenting risks of leaks of fluid into the environment and incidental contact with foodstuffs: grape harvests, crop harvests ...
- Operating temperatures: -20 °C to 70 °C

Specifications:

- NSF H1
- ISO 15380 HETG
- Poclairn Hydraulics 11-06
- ISO 6743-4

Advantages:

- Reinforced protection and efficiency of equipment due to a very high viscosity index
- Excellent anti-wear properties



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SYNTHETIC FLUID FOR BRAKE SYSTEMS – DOT 4

REF [105TA4651](#) – 1 l

Product description:

- Recommended for brake and clutch systems of all vehicles using synthetic fluids when a DOT 4 level is required
- Miscible with all other synthetic fluids of similar quality
- Not miscible with mineral-based fluids (LHM) and silicon-based fluids
- The colour of the product can vary from colourless to amber

Specifications:

- SAE J 1704
- FMVSS 116 DOT 4
- ISO 4925

Advantages:

- Synthetic fluid
- Very high dry and wet boiling points adjusted to ever increasing

- temperatures encountered in braking systems: prevents “vapour lock”
- Resistant to moisture absorption
- Viscosity suitable at cold as well as high temperatures
- Provides corrosion protection for metals used in braking systems: cast iron, aluminium, steel, copper, brass ...
- Compatible with rubber seals and hoses



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MINERAL HYDRAULIC FLUID

REF **127TA2808** – 1 l

Product description:

- Hydraulic system of Citroën XM, Xantia, BX, CX, SM, GS
- Hydraulic system of Citroën ID and DS vehicles manufactured since September 1966 (parts painted in green)
- Hydraulic system on Citroën vans N, P and C35
- Brake circuits on Ami 8, Ami Super, Dyane and Mehari since September 1977 and on 2CV since July 1982
- Level adjuster of Peugeot 405 X4
- Not miscible and not compatible with synthetic fluids including synthetic fluids DOT 3, DOT 4, DOT 5 and former CITROËN fluids of LHS 2 type

Specifications:

- PSA Peugeot
- Citroën B71 2710

- High stability

- Excellent lubricating properties
- High boiling temperatures and not sensitive to moisture (non hygroscopic product)

Advantages:

- Exceptionally high viscosity index
- Very low pour point

- Very good protection against corrosion



SILICONE-BASED FLUID – DOT 5

REF **107TA4619** – 1 l

Product description:

- Silicon-based fluid with a stable boiling point at 260 °C
- Does not damage paintwork
- Can be washed off
- Will not catch fire
- Not to be mixed with mineral-based fluids
- Lasts a lifetime because it repels moisture which inhibits rust and corrosion

Specifications:

US Military standard MIL B46176 US Federal Motor Vehicle Safety Standard 116 FMVss116

