

AVEROIL 10W40 UHP

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DESCRIPTION:

AVEROIL 10W40 UHP is a latest generation UHPD (Ultra High-Performance Diesel) engine oil, formulated with fully synthetic technology and the latest low ash additives (Mid/Low SAPS), it is particularly effective in maintaining the durability of the emission control system, reducing the risk of clogging of particulate trap filters (DPF/FAP) and allowing for extended oil changes, especially in long haul heavy-duty fleets.

AVEROIL 10W40 UHP is especially recommended for engines with after-treatment systems (EGR, C-EGR, LNT), selective catalytic reduction (SCR) systems by urea injection, diesel oxidation catalysts (DOC) and continuous regeneration traps (CRT).

AVEROIL 10W40 UHP protects and maximises the performance of engines using low sulphur diesel fuels** and, due to its low ash content and high lubricating power, is suitable for gas engines, operating on CNG.

AVEROIL 10W40 UHP is suitable for all engine types and specifications, especially in the latest generation EURO VI (VI-d) on-road, Tier-4 off-road and earlier heavy-duty diesel engines operating under the most severe lubrication requirements and meeting the standards of the leading heavy-duty diesel engine manufacturers (HDDE) mounted in trucks, buses, agricultural and forestry machinery, all types of heavy on- and off-highway vehicles and stationary engines, with the advantage of allowing very extended oil changes in medium and long haul truck and bus fleets.

AVEROIL 10W40 UHP is the essential lubricant for optimum lubrication and excellent performance of your engine with long oil change intervals.

PROPERTIES AND ADVANTAGES:

- ✓ Long Drain (LD) in type, AVEROIL 10W40 UHP allows the longest draining and flushing intervals recommended by the major OEMs, providing improved protection against oil oxidation, viscosity loss due to shear and oil aeration, as well as protection against catalyst poisoning, particulate filter blockage, engine wear, piston deposits, low and high temperature property degradation, and soot-related viscosity build-up.
- ✓ Its high viscosity index and low freezing point allow excellent cold starts, contributing to fuel economy and protecting the engine against excessive wear, especially on camshafts, rocker arms, tappets and turbos, both during cold starts and when the engine is operating at high engine speeds under the most severe working conditions.
- ✓ Its high detergent and dispersing capacity keep the pistons and combustion chamber clean, prevent filter clogging and ring sticking, and ensure optimum engine cleanliness between oil changes.

APPLICATIONS

- ✓ Factory Fill and Service Fill in all types of engines of the latest Euro VI-d generation and earlier, such as long-distance goods vehicles, buses and coaches, mixed transport fleets, commercial vehicles, public works, agricultural and forestry machinery, delivery vehicles and stationary engines operating under severe service conditions.
- ✓ Particularly suitable for vehicles operating over long distances and requiring a very long-life engine lubricant with extended oil change intervals.
- ✓ Compatible with all types of exhaust gas treatment and after-treatment systems.

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APPROVALS:

MB Approval 228.51

SPECIFICATIONS / QUALITY LEVEL

ACEA: E8/E11/E7 (formerly E6/E9/E7)	Deutz DQC IV-18 LA	MTU Type 3.1/2.1
API: CK-4 (CJ-4/CI-4/CI-4 plus and CH-4)	JASO DH-2 (IP)	RENAULT TRUCKS: RLD-3 (*)
CAT: ECF-3	MACK: EO-S 4.5	SCANIA : LA (Low Ash)
CUMMINS: CES 20086/20081/ 20092	MAN: M3775/3477/3271-1	VOLVO: VDS-4.5
DAF: Extended drain capability	IVECO: 18-1804 TLS E9	DETROIT DIESEL DFS 93K222
MB: DFTR 15C110 (228.51)	MB: DFTR 15C120 (228.52)	

✓ (*) Compatible with old Renault specifications RD, RLD, RVI, RD-2.

TECHNICAL DATA:

PHYSICOCHEMICAL PROPERTIES	STANDARD	VALUE
SAE Grade	SAE J300	10W40
Viscosity at -25°C, (-13°F) CCS, (cP)	ASTM D-5293	< 7,000
Freezing point (°C) (F°)	ASTM D-97	< - 30 (-22)
Flash point (°C) (F°)	ASTM D-92	> 210 (410)
TBN (mg KOH/g),	ASTM D-2896	≥ 9
Noack Volatility, at 250°C, (482°F) max. (% loss by weight)	CEC-L-40-A-93	≥ 13
Sulphated ash (% by weight)	ASTM D-874	≥ 1.0

- ✓ Note: These data represent average values after different tests. Given the wide variety of operating conditions, they do not constitute a basis for specifications. Olipes SL reserves the right to change the indicated data without prior notice.
- ✓ (**) **AVEROIL 10W40 UHP** is formulated for use in all diesel fuel applications with a sulphur content up to 500 ppm (0.05 % by weight). However, use of these oils with sulphur fuels above 15 ppm (0.0015% by weight) may impact the durability of the exhaust after-treatment system or the interval between oil changes. Consult the engine manufacturer for further service interval recommendations.

PRESENTATION:

20 litre cans, 200 litre drums and 1000 litre containers.