

AVEROIL 15W40 GLOBAL

DESCRIPTION:

Global high performance lubricant for last generation diesel engines, both aspirated and turbo highly boost (SHPO). Especially recommended for low emission engines EURO V not equipped with particulate filters (DPF).

PROPERTIES & ADVANTAGES:

- ✓ Excellent stability in a wide range of temperatures, which allows easy start at low temperatures, thereby providing greater protection against wear both during startup and during operation of the engine.
- ✓ It reduces oil consumption in both new and used vehicles. Its additive package ensures protection of engine parts against corrosion and acidity from burning.
- ✓ Its detergent and dispersant properties prevent the formation of sludge and deposits.
- ✓ It has successfully passed the tests of long duration Daimler Chrysler Benz (DB 228.3), allowing oil changes up to 75,000 Km, depending on truck model, fuel quality, driving conditions, use of onboard computer, etc.

APPLICATIONS:

- ✓ Mixed fleets of vehicles from different manufacturers.
- ✓ Diesel and gasoline engines under severe working conditions.
- ✓ Especially recommended for diesel engines turbocharged and supercharged with long oil changes intervals: Heavy Trucks, TIR, Construction Equipment, etc.
- ✓ Engines with exhaust gas recirculation system (EGR) and engines with catalytic reduction (SCR) using diesel fuel with a maximum sulfur content of 0.5%.
- ✓ Not recommended for engines equipped with particulate filter (DPF).
- ✓ Compatible with former low emission engines EURO I, II, III and IV.

SPECIFICATIONS / QUALITY LEVEL:

ACEA E7	DEUTZ DQC-III	MTU Type 2
API CI-4 / CH-4 / CG-4 / CF-4	IVECO	RENAULT RVI RLD-2 approval
CAT ECF-2 / ECF-1a	MACK EO-M+ / EO-M / EO-N approval	SCANIA LDF / LDF-2
CUMMINS CES 20076 / 20077	MAN M 3275-1	VOLVO VDS-3 approval
DDC 93K215	MB 228.3 / 228.1	

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 modify the indicated data without prior notice.

APPROVALS:

API CI-4 License N° 0894

MB Approval 228.3

VOLVO STD 417-0002-22-2379 approval: VOLVO: VDS-3 / MACK: EO-N / RENAULT VI: RLD-2

TECHNICAL DATA:

PHYSICOCHEMICAL CHARACTERISTICS	STANDARD	VALUE
SAE grade	SAE J300	15W40
Viscosity at 100°C (cSt)	ASTM D-445	12,5 - 16,3
Viscosity at -20°C, CCS (cP)	ASTM D-5293	< 7.000
Pour point (°C) (F°)	ASTM D-97	< - 25 (-13)
Flash point (°C) (F°)	ASTM D-92	> 210 (410)
TBN (mg KOH/g)	ASTM D-2896	> 9
Noack volatility (% loss on weight)	ASTM D-5800	≤ 13
Sulfated ash (% on weight)	ASTM D-874	≤ 2.0

PACKAGING:

5L bottle, 20L jerrycan, 200L drum and 1,000L IBC container.