



ENGINE OIL TLE

15W-40

Product Description:

ENGINE OIL TLE 15W-40 is a fuel saving MID SAPS super high performance universal oil based on 100% synthetic technology designed for high loaded diesel engines in light- and heavy commercial vehicles working under severe operating conditions through the whole year for use in Euro-4, Euro-5 and Euro-6 engines equipped with a Diesel Particle Filter (DPF) and suited for diesel engines equipped with EGR and/or SCR after treatment system.

ENGINE OIL TLE 15W-40 is formulated on high refined synthetic base stock in combination with a special additive package to reach the following properties:

- Excellent thermal- and oxidation stability.
- Very good dispersancy and detergency.
- High anti-foam, anti-wear and anti-corrosion properties.
- Excellent protection against "Bore Polishing".
- Extended drain intervals up to 150.000 km.
- Suitable for engines equipped with a Diesel Particulate Filter (DPF).

ENGINE OIL TLE 15W-40 exceeds the following performance criteria.:

Approved: Volvo VDS 4.5 Mack EOS-4.5 Renault VI RLD-3
DTFR 15C100
(MB 228.31)

Exceeds: API CK-4 ACEA E6/E7/E11 Cummins CES 20086
Deutz DQC III-18-LA MAN M3775 CAT ECF-3
DDC 93K222 MTU Type 3.1 JASO DH-2

Property	Unit	Test Method	Typical Value
SAE Grade		SAE J306	15W-40
Density@15°C	kg/m ³	ASTM D4052	877.7
Kin. Viscosity @40°C	mm ² /s	ASTM D7042	119.8
Kin. Viscosity @100°C	mm ² /s	ASTM D7042	15.1
Viscosity Index		ASTM D2270	131
Viscosity CCS @ -20°C	cP	ASTM D5293	6210
Total Base Number	mgKOH/g	ASTM D2896	11.0
Flash Point COC	°C	ASTM D92	222
Pour Point	°C	ASTM D7346	-27
Sulphated Ash	%Wt	ASTM D874	0.9

Product Nr: 42514

Date Superseded: -

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