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- Certificate / ProductInformation -

RAVENOL DLO SAE 10W-40

Art. 1112111

CleanSynto®

Description:

RAVENOL DLO SAE 10W-40 is a semi synthetic engine oil with CleanSynto® Technology for passenger car diesel engines with and without turbocharging and direct injection. Minimizes friction, wear and fuel consumption. Offers excellent cold start protection and is suitable for extended oil drain intervals according to manufacturer's instructions.

RAVENOL DLO SAE 10W-40 contains less than 30 % Polyalphaolefins (PAO).

Application Directions:

RAVENOL DLO SAE 10W-40 is suitable for year-round use in all modern passenger car diesel engines which require this grade of engine oil. Ideal for both turbocharged and non-turbocharged engines, it is also suitable for use in gasoline engines which require this type of product.

Quality Classification:

RAVENOL DLO SAE 10W-40 is approved, tried and tested for aggregates specifying:

Specification: API CF, ACEA B4-02

Approvals: MB-Approval 229.1, VW 501 01 / 505 00, BMW Special Oil

Recommended: Porsche, VW 500 00

Technical Characteristics:

RAVENOL DLO SAE 10W-40 offers:

- High wear protection
- Fuel efficient formulation
- Excellent detergent and dispersant package for cleaner engines
- Prevention of black sludge and carbon deposit formation
- Long service life through high oxidation stability
- Excellent cold starting properties
- A very good viscosity-temperature behavior
- Low volatility
- Catalyst suitability

Technical Values:

Characteristics	unit	data	test according to
Colour		light brown	visual
Density at 20 °C	kg/m ³	868	EN ISO 12185
Viscosity at 40 °C	mm ² /s	91,3	DIN 51 562
at 100 °C	mm ² /s	14,0	DIN 51 562
Viscosity index VI		157	DIN ISO 2909
Flash point (COC)	°C	210	DIN ISO 2592
Pour point	°C	- 35	DIN ISO 3016
TBN	mg KOH/g	6,0 – 8,0	DIN ISO 3771
Sulphated ash	% wt.	1,5	DIN 51 575

All indicated data are approximate values and are subject to the commercial fluctuations.

To the best of our knowledge all information reflects the current state of findings and our development. Subject to change. Any reference to DIN standards are solely for product description purposes and do not represent a guarantee. If problems occur please consult a technician.

24.02.15