- Certificate / Product Information -

RAVENOL DLO SAE 10W-40

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 Notes

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 Classifications

Specifications

API CF, ACEA B4-02

Approvals

MB 229.1, VW 501 01 / 505 00, BMW Special Oil

Practice and tested in aggregates with filling

Porsche, VW 500 00

Characteristic

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

Characteristics	Unit	Data	Audit
Density at 20°C	kg/m³	862	EN ISO 12185
Colour		yellow brown	visual
Viscosity at 100°C	mm²/s	13,85	DIN 51 562
Viscosity at 40°C	mm²/s	93,25	DIN 51 562
Viscosity index VI		151	DIN ISO 2909
HTHS at 150°C	mP?*s	4,0	ASTM D5481
CCS Viscosity at -30°C	mPa*s	6148	ASTM D5293
Low Temp. Pumping viscosity -35°C (MRV)	mPa*s	24.200	ASTM D 4684
Pourpoint	°C	-36	DIN ISO 3016
Flash point (COC)	°C	238	DIN ISO 2592
TBN	mg KOH/g	10,0	ASTM D2896
Sulphated ash	%wt.	1,3	DIN 51 575

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

All information correspond to the best of our knowledge to the actual situation of the cognitions and our development. Subject to alterations. All references made to DIN-norms are only for the description of the goods. There is no guarantee. In case there will be any problems please contact the technical service.

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