Ravensberger Schmierstoffvertrieb GmbH
Joellenbecker Strasse 2
33824 Werther
Tel.: +49/5203/9719-0
Fax.: +49/5203/9719-42

-Certificate / ProductInformation-

RAVENOL Super Synthetik Öl SSL SAE 0W-40

Art. 1111108

FULLY SYNTHETIC USVO® & CleanSynto®

Description:

RAVENOL Super Synthetik Öl SSL SAE 0W-40 is a PAO (Polyalphaolefin) based, fully synthetic low friction motor oil with especially USVO® and proven CleanSynto® technology for passenger car petrol and diesel engines with and without turbo-charging and direct injection.
Due to the USVO® technology we achieve an extremely high viscosity stability. We avoid the disadvantages of polymeric viscosity improvers while taking advantage of them. This improves engine protection, performance, engine cleanliness and oil drain intervals. The USVO® technology makes it possible that the product has no shear losses during the entire change interval and is extremely stable to oxidation. This unique technology helps oil to be lubricated faster, thereby minimizing friction while keeping the engine clean and efficient.
RAVENOL Super Synthetik Öl SSL SAE 0W-40 utilizes the positive properties of tungsten to smooth the surface structure of the motor, reducing friction and wear, and significantly improving mechanical efficiency.
With its new formulation, **RAVENOL Super Synthetik Öl SSL SAE 0W-40** provides a safe layer of lubrication even at very high operating temperatures and protects from corrosion and loss of oil through oxidation or coking. The excellent cold start behavior ensures optimum lubrication safety during the cold running phase.
By significantly reducing fuel consumption, **RAVENOL Super Synthetik Öl SSL SAE 0W-40** helps to protect the environment by reducing emissions.
RAVENOL Super Synthetik Öl SSL SAE 0W-40 minimizes friction, wear and fuel consumption with excellent cold start characteristics.
RAVENOL Super Synthetik Öl SSL SAE 0W-40 guarantees operational safety in all driving conditions, such as extreme stop-and-go traffic as well as high-speed highway driving.
Extended oil change intervals according to the manufacturer's instructions.

Application Directions:

RAVENOL Super Synthetik Öl SSL SAE 0W-40 guarantees operational safety in all driving conditions such as extreme stop-and-go traffic and high-speed highway driving.
RAVENOL Super Synthetik Öl SSL SAE 0W-40 is universal fuel-efficient synthetic engine oil suitable for petrol and diesel engines, with or without turbocharger, in cars and vans with the specified quality classifications.

Quality Classification:

RAVENOL Super Synthetik Öl SSL SAE 0W-40 is approved, tried and tested for aggregates specifying:
Specifications: API SN/CF, ACEA A3/B4
License: API SN
Approvals: MB-Approval 229.5, MB-Approval 226.5; Renault RN0700/RN0710; Porsche A40; VW 502 00, VW 505 00
Recommendations: BMW Longlife-01; MB 229.3; Fiat 9.55535-M2; Chrysler MS-12633, Chrysler MS-10725; Ford WSS-M2C937-A

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.

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Technical Characteristics:

RAVENOL Super Synthetik Öl SSL SAE 0W-40 offers:

- Excellent cold starting behavior
- Fuel savings for part and full load
- A very stable and excellent viscosity behavior
- Good shear stability
- A safe smear layer at very high operating temperatures
- Excellent detergent and dispersant properties
- A broad protection against wear, corrosion and foaming
- Excellent aging stability
- Low evaporation loss
- Excellent engine cleanliness

Technical Values:

Characteristics	Unit	Data	Test according to
Density at 20°C	kg/m³	840,0	EN ISO 12185
Colour		brown	visual
Viscosity at 100°C	mm²/s	13,25	DIN 51562-1
Viscosity at 40°C	mm²/s	74,4	DIN 51562-1
Viscosity Index VI		182	DIN ISO 2909
HTHS Viscosity at 150°C	mPa*s	3,7	ASTM D5481
CCS Viscosity at -35°C	mPa*s	4560	ASTM D 5293
Low Temp. Pumping viscosity (MRV) at -40°C	mPa*s	21.300	ASTM D4684
Pourpoint	°C	-49	DIN ISO 3016
Noack Volatility	% M/M	8,5	ASTM D5800
Flashpoint	°C	236	DIN ISO 2592
TBN	mg KOH/g	10,0	ASTM D2896
Sulphated ash	%wt.	1,21	DIN 51575

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

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