



RAVENOL Extra Fuel Economy EFE SAE 0W-16

RAVENOL Extra Fuel Economy EFE SAE 0W-16 is the worldwide first motor oil with license approval from API with its specification API SN and viscosity SAE 0W-16.

Differences from competitor products [PDF](#)

Fuel Consumption Testing of RAVENOL EFE 0W-16 and the Synthetic Motor Oil SAE 5W-30 ACEA C3

[Video](#)

RAVENOL Extra Fuel Economy EFE SAE 0W-16 is a fully synthetic, smooth-running motor oil with CleanSynto® technology of the new SAE category 0W-16 for passenger cars, petrol engines with and without turbocharging and direct injection. RAVENOL Extra Fuel Economy EFE SAE 0W-16 is recommended especially for hybrid vehicles.

RAVENOL Extra Fuel Economy EFE SAE 0W-16 was formulated with tri-nuclear molybdenum and OFM (Organic Friction Modifiers), in order to achieve minimal friction, wear and fuel consumption whilst realising excellent cold start properties. Extended oil change intervals according to manufacturer's specifications.

The excellent cold start performance ensures optimum lubrication reliability in the cold running phase. A clear fuel consumption is achieved thanks to the smooth-running properties of the new SAE category 0W-16.

RAVENOL Extra Fuel Economy EFE SAE 0W-16 makes its contribution to protecting the environment by reducing emissions.

Application Notes

RAVENOL Extra Fuel Economy EFE SAE 0W-16 is suitable as a high performance, smooth-running engine oil for sophisticated engines. It is recommended for modern passenger car fuel and diesel engines, including the supercharge models and for direct injection engines and hybrid vehicles under all operating conditions, if the engine manufacturer recommends using a low viscosity oil with the viscosity category 0W-16, 0W-20 or 5W-20.

Quality Classifications

Specifications

API SN

Practice and tested in aggregates with filling

Honda 08215-99974, 08216-99974, 08232-P99S1LHE, Honda Ultra Next, Ultra Green, Hybrid Engine Nissan KLANM-01A04 Extra Save X Eco, Mitsubishi MZ102661, MZ102662, Mitsubishi DiaQueen ECO Plus, Toyota 08880-11005

Characteristic

RAVENOL Extra Fuel Economy EFE SAE 0W-16 offers:

- Fuel saving in partial and full load operation
- Excellent wear protection and a high viscosity index ensure the long service life of the engine even under high speed driving conditions.
- Excellent cold start properties even at low temperatures of below -35°C.
- A reliable lubrication film even at high operating temperatures.
- Low volatility, resulting in low oil consumption.
- No oil-related deposits in combustion chambers, in the piston ring zone and on valves.
- Compatible with sealing materials.
- Extended oil change intervals protect natural resources.

Characteristics	Unit	Data	Audit
Density at 20°C	kg/m ³	843,1	EN ISO 12185
Colour		green	visual
Viscosity at 100°C	mm ² /s	7,24	DIN 51 562
Viscosity at 40°C	mm ² /s	38,36	DIN 51 562
Viscosity index VI		156	DIN ISO 2909
HTHS at 150°C	mP? [*] s	2,4	CEC L-036-90
CCS Viscosity at -35°C	mPa*s	4400	ASTM D5293
Viscosity (MRV) at -40°C	mPa*s	10400	ASTM D 4684
Pourpoint	°C	-58	DIN ISO 3016
Noack Volatility	%	8,2	ASTM D5800/b
TBN	mg KOH/g	6,17	ASTM D2896
Sulphated ash	%wt.	0,9	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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