



# RAVENOL UFE Ultra Fuel Economy SAE 0W-8



- 1L | 1111155-001
- 4L | 1111155-004
- 5L | 1111155-005
- 10L | 1111155-010
- 20L | 1111155-020
- 20L | 1111155-B20
- 60L | 1111155-060
- 60L | 1111155-D60
- 208L | 1111155-208
- 208L | 1111155-D28
- 1000L | 1111155-700

**Kategorie:** Passenger car motor oil

**Artikelnummer:** 1111155

**Viscosity:** 0W-8

**Specification:** JASO GLV-1

**Oil type:** Full synthetic

**Approvals:** JASO GLV-1 (P049RAV001)

**Application:** Passenger car

**Technology:** Clean Synto®, USVO®

**RAVENOL Ultra Fuel Economy UFE SAE 0W-8** is a PAO (Polyalphaolefin) based, full synthetic low friction motor oil with especially USVO® and proven CleanSynto® technology for passenger car petrol 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 lubricate faster, thereby minimizing friction while keeping the engine clean and efficient.

**RAVENOL Ultra Fuel Economy UFE SAE 0W-8** was formulated with tri-nuclear molybdenum and OFM (Organic Friction Modifiers), in order to achieve minimal friction, wear and fuel consumption with excellent cold start characteristics.

**RAVENOL Ultra Fuel Economy UFE SAE 0W-8** is especially recommended for hybrid vehicles. Thanks to its new formulation, it provides a safe layer of lubrication even at very high operating temperatures. It 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 Ultra Fuel Economy UFE SAE 0W-8** helps to protect the environment by reducing emissions.

**RAVENOL Ultra Fuel Economy UFE SAE 0W-8** minimizes friction, wear and fuel consumption with excellent cold start characteristics. Extended oil change intervals according to the manufacturer's instructions.

## Application Note

**RAVENOL Ultra Fuel Economy UFE SAE 0W-8** is suitable as a high performance, low-viscosity engine oil for demanding engines, especially for new vehicles from the Asian region such as Toyota, Honda or Nissan. It is recommended for modern passenger car petrol engines, including the supercharge models and for direct injection engines and hybrid vehicles under all operating conditions, if the engine manufacturer recommends using an ultra low viscosity oil of viscosity grade SAE 0W-8.

## Characteristics

- Fuel saving in partial and full load operation
- Excellent wear protection
- High shear stability
- Good detergent and dispersant properties
- 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
- Catalyst suitability
- Ideal for hybrid vehicles

## Technical Product Data

PROPERTY	UNIT	DATA	AUDIT
Density at 20 °C	kg/m <sup>3</sup>	840,0	EN ISO 12185
Colour		gelbbraun	VISUELL
Viscosity at 100 °C	mm <sup>2</sup> /s	5,5	DIN 51562-1
Viscosity at 40 °C	mm <sup>2</sup> /s	26,36	DIN 51562-1
Viscosity Index VI		152	DIN ISO 2909
HTHS Viscosity at 150 °C	mPa*s	1,89	ASTM D5481
CCS Viscosity at -35 °C	mPa*s	2740	ASTM D5293
Low Temp. Pumping viscosity (MRV) at -40 °C	mPa*s	5300	ASTM D4684
Pourpoint	°C	-72	DIN ISO 3016
Noack Volatility	% M/M	10,4	ASTM D5800
Flashpoint	°C	226	DIN EN ISO 2592
tbn	mg KOH/g	9,5	ASTM D2896
Sulphated Ash	%wt.	1,0	DIN 51575

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