

## - Certificate / Product Information -

### **RAVENOL Super Synthetic Hydrocrack SSH SAE 0W-30**

Art. 1111138

SYNTHETIC

CleanSynto®

#### **Description:**

**RAVENOL Super Synthetic Hydrocrack SSH SAE 0W-30** is a synthetic low friction motor oil with CleanSynto® technology for passenger car gasoline and diesel engines with and without turbo-charging and direct injection.

**RAVENOL Super Synthetic Hydrocrack SSH SAE 0W-30** achieves a high viscosity index through its formulation with special base oils. The excellent cold start behaviour provides an optimum lubricating safety during the cold run phase.

Because of a considerable fuel saving **RAVENOL Super Synthetic Hydrocrack SSH SAE 0W-30** contributes to protect the environment by reducing the emissions.

**RAVENOL Super Synthetic Hydrocrack SSH SAE 0W-30** minimizes friction, wear and fuel consumption with excellent cold start characteristics.

**RAVENOL Super Synthetic Hydrocrack SSH SAE 0W-30** guarantees operational safety for all driving conditions, such as extreme stop and go traffic as well as high speed highway trips.

Suitable for extended oil change intervals where recommended by manufacturer.

#### **Application Directions:**

**RAVENOL Super Synthetic Hydrocrack SSH SAE 0W-30** is suitable as an universal fuel economy motor oil for year-round use in all gasoline and diesel engines in passenger cars, station wagons, delivery vans and similar vehicles.

#### **Quality Classification:**

**RAVENOL Super Synthetic Hydrocrack SSH SAE 0W-30** is tried and tested for aggregates specifying:

Specification: ACEA A3/B4, API SM

Approvals: MB-Freigabe 229.5, Renault RN0700/ 0710; VW 502 00 / 505 00, VOLVO 95200356

Recommendations: BMW Longlife-98

#### **Technical Characteristics:**

**RAVENOL Super Synthetic Hydrocrack SSH SAE 0W-30** offers:

- High abrasion resistance
- Fuel saving because of easy running characteristics
- Excellent detergent and dispersant characteristics
- Prevention of black sludge creation
- Long endurance because of high oxidation stability
- Excellent cold start performance
- Very good viscosity temperature behaviour
- Low evaporation
- Suitable for catalysts

**- Certificate / Product Information -**

**RAVENOL Super Synthetic Hydrocrack SSH SAE 0W-30**

Art. 1111138

SYNTHETIC

CleanSynto®

**Technical Values:**

Characteristics	Unit	Data	Test according to
Density at 20°C	kg/m³	845,0	EN ISO 12185
Colour		yellow brown	visual
Viscosity at 100°C	mm²/s	12,1	DIN 51562-1
Viscosity at 40°C	mm²/s	67,2	DIN 51562-1
Viscosity Index VI		178	DIN ISO 2909
HTHS Viscosity at 150°C	mPa*s	3,53	ASTM D5481
CCS Viscosity at -35°C	mPa*s	5940	ASTM D5293
Low Temp. Pumping viscosity (MRV) at -40°C	mPa*s	27.500	ASTM D4684
Pourpoint	°C	-49	DIN ISO 3016
Noack Volatility	% M/M	10,1	ASTM D5800
Flashpoint	°C	232	DIN ISO 2592
TBN	mg KOH/g	11,4	ASTM D2896
Sulphated ash	%wt.	1,35	DIN 51575

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