



# RAVENOL Super Synthetic Hydrocrack SSH SAE 0W-30



1L | 1111138-001  
4L | 1111138-004  
5L | 1111138-005  
10L | 1111138-010  
20L | 1111138-020  
20L | 1111138-B20  
60L | 1111138-060  
60L | 1111138-D60  
208L | 1111138-208  
208L | 1111138-D28  
1000L | 1111138-700

**Kategorie:** Passenger car motor oil

**Artikelnummer:** 1111138

**Viscosity:** 0W-30

**Specification:** ACEA A3/B4, API SM

**Oil type:** Synthetic

**Approvals:** MB-Freigabe 229.5, Renault RN0700/RN0710, VOLVO VCC 95200356 - Service Fill

**Recommendation:** BMW Longlife-98, VW 502 00, VW 505 00

**Application:** Passenger car

**Technology:** Clean Synto®

**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 Note

**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.

## Characteristics

- 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

## Technical Product Data

| PROPERTY                                    | UNIT               | DATA      | AUDIT           |
|---|--------------------|-----------|-----------------|
| Density at 20 °C                            | kg/m <sup>3</sup>  | 842,0     | EN ISO 12185    |
| Colour                                      |                    | gelbbraun | VISUELL         |
| Viscosity at 100 °C                         | mm <sup>2</sup> /s | 12,1      | DIN 51562-1     |
| Viscosity at 40 °C                          | mm <sup>2</sup> /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              | 24.300    | ASTM D4684      |
| Pourpoint                                   | °C                 | -49       | DIN ISO 3016    |
| Noack Volatility                            | % M/M              | 9,0       | ASTM D5800      |
| Flashpoint                                  | °C                 | 232       | DIN EN ISO 2592 |
| tbn   | mg KOH/g           | 10,0      | ASTM D2896      |
| Sulphated Ash                               | %wt.               | 1,35      | DIN 51575       |

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