# RAVENOL VFE SAE 5W-20

**Kategorie:** Passenger car motor oil

**Artikelnummer:** 1111311

**Viscosity:** 5W-20

**Specifications:** API SN Plus, API SP (RC), ILSAC GF-6A

**Oil type:** Synthetic

**Approvals:** API SN Plus, API SP Resource Conserving, ILSAC GF-6A

**Recommendations:** Chrysler MS-6395, Fiat 9.55535-CR1, Ford WSS-M2C925-A, Ford WSS-M2C925-B, Ford WSS-M2C930-A, Ford WSS-M2C930-B, Ford WSS-M2C948-B, Honda/Acura HTO-06, Hyundai, Jaguar Land Rover STJLR.03.5004, KIA, Mazda, Mitsubishi, Nissan, Suzuki, Toyota

**Application:** Passenger car

**Technology:** CleanSynto




**1L | 1111311-001**
**4L | 1111311-004**
**5L | 1111311-005**
**10L | 1111311-010**
**20L | 1111311-020**
**20L | 1111311-B20**
**60L | 1111311-060**
**60L | 1111311-D60**
**208L | 1111311-208**
**208L | 1111311-D28**
**1000L | 1111311-700**

**RAVENOL VFE SAE 5W-20** is a synthetic, low-friction engine oil with CleanSynto® technology for passenger car gasoline and diesel engines, with and without turbocharging and direct injection.

**RAVENOL VFE SAE 5W-20** 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 VFE SAE 5W-20** contributes to protect the environment by reducing the emissions.

**RAVENOL VFE SAE 5W-20** minimizes friction, wear and fuel consumption with excellent cold start characteristics.

Suitable for extended oil change intervals where recommended by manufacturer.

## Application instructions

**RAVENOL VFE SAE 5W-20** is an universal fuel-efficient engine oil, a top-quality product for modern passenger cars with gasoline and diesel engines.

## Characteristics

- Guaranteed fastest possible lubrication of the engine.
- High fuel economy (FE) effect due to the base oils and additives used.
- Low volatilization tendency, thereby lower oil consumption.
- Provides protection against sludging, coking, varnish and corrosion even under unfavorable operating conditions.
- No oil-related deposits in combustion chambers in the piston ring zone and on valves.
- Ensures the function of the hydraulic tappets at all temperatures.
- Stable engine oil, no NOx oxidation.
- Good soot absorption and dispersion.
- Neutral towards sealing materials.

# Technical Product Data

| CHARACTERISTICS | PROPERTY | DATA | AUDIT |
|---|---|---|---|
| Colour | | gelbbraun | VISUELL |
| Sulphated Ash | %wt. | 0,8 | DIN 51575 |
| tbn | mg KOH/g | 7,8 | ASTM D2896 |
| Viscosity at 100 °C | $mm^2/s$ | 8,2 | DIN 51659-2 |
| Viscosity at 40 °C | $mm^2/s$ | 47,8 | DIN 51659-2 |
| Viscosity Index VI | | 147 | DIN ISO 2909 |
| CCS Viscosity at -30 °C | mPa*s | 6000 | ASTM D5293 |
| Density at 20 °C | $kg/m^3$ | 853,0 | EN ISO 12185 |
| Flashpoint | °C | 234 | DIN EN ISO 2592 |
| HTHS Viscosity at 150 °C | mPa*s | 2,7 | ASTM D5481 |
| Low Temp. Pumping viscosity (MRV) at -35 °C | mPa*s | 17500 | ASTM D4684 |
| Noack Volatility | % M/M | 9,0 | ASTM D5800 |
| Pourpoint | °C | -39 | DIN ISO 3016 |