



1 L | 1113115-001
4 L | 1113115-004
5 L | 1113115-005
10 L | 1113115-010
20 L | 1113115-020
20 L | 1113115-B20
60 L | 1113115-060
60 L | 1113115-D60
208 L | 1113115-208
208 L | 1113115-D28
1000 L | 1113115-700

RAVENOL FORMEL SUPER SAE 15W-40

Category Passenger car motor oil

Item number 1113115

Viscosity 15W-40

Specification ACEA A2/B2, API CD, API SF

Oil type Mineral

Recommendation CCMC G4, MB 227.1, MIL-L-2104 D, MIL-L-46152 B

Application Passenger car

RAVENOL Formel Super SAE 15W-40 is high quality multi-grade engine oil which corresponds to all requirements of modern carburettor and Diesel engines. It can be used in passenger cars as well as trucks. It fulfils the requirements of modern Diesel engines with or without supercharging. The favourable viscosity area ensures a high lubrication capacity all the year under different operation circumstances.

Application Note

RAVENOL Formel Super SAE 15W-40 can be used according to the manufacturer specification for Diesel as well as Otto engines.

Characteristics

- Protection against corrosion
- A very good shear stability
- A very high oxidation stability
- An excellent viscosity temperature behaviour
- Efficient function of hydraulic shock absorbers (hydraulic valve compensation)
- Convincing detergent and dispersant attributes
- High security reserves even under limited lubrication conditions
- Neutrality against sealing materials
- Very good cold start attributes
- Avoids the formation of conglutinations, pigmenting, coking and accumulation of mud (black sludge) on cylinders, pistons, valves, sparking plugs and in turbo superchargers
- No problems with the use in catalyst vehicles

Technical Product Data

Density at 20 °C	864,0	kg/m ³	EN ISO 12185
Colour	gelbbraun		VISUELL
Viscosity at 100 °C	14,2	mm ² /s	DIN 51562-1
Viscosity at 40 °C	105,4	mm ² /s	DIN 51562-1
Viscosity Index VI	137		DIN ISO 2909
Pourpoint	-39	°C	DIN ISO 3016
Flashpoint	240	°C	DIN EN ISO 2592
tbn	7,1	mg KOH/g	ASTM D2896
Sulphated Ash	0,9	%wt.	DIN 51575

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

21.02.2022