



RAVENOL VFE SAE 5W-20



ART.-NR. 1111311

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

VISCOSITY 5W-20

SPECIFICATIONS ACEA A1 |API CF |ILSAC GF-5 |ACEA A5 |ACEA B5
|ACEA A5/B5

FABRICATION SYNTHETIC

APPROVALS LICENSE: API SN RESOURCE CONSERVING / SM ENERGY
CONSERVING, ILSAC GF-5

RECOMMENDATIONS FORD WSS-M2C930-A | FORD WSS-M2C930-B |
FORD WSS-M2C925-A/B | FORD WSS-M2C948-B | JAGUAR LAND ROVER
STJLR.03.5004 | CHRYSLER MS-6395 | NISSAN | MAZDA | SUZUKI |
TOYOTA | FIAT 9.55535-CR1 | HONDA/ACURA HTO-6 | KIA | HYUNDAI |
MITSUBISHI

RAVENOL VFE SAE 5W-20 is synthetic, low-friction engine oil with CleanSynto® technology for passenger car gasoline and diesel engines, with and without turbocharging and direct injection. Minimizes friction, wear and fuel consumption with excellent cold start characteristics. Suitable for extended oil change intervals where recommended by manufacturer.

RAVENOL VFE SAE 5W-20 has a high viscosity index because of 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.

Application Notes

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

RAVENOL VFE SAE 5W-20 offers:

- 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.

Property	Unit	Data	Audit
Density at 20°C	kg/m ³	853,0	EN ISO 12185
Colour		gelbbraun	visual
Viscosity at 100°C	mm ² /s	8,2	DIN 51 562
Viscosity at 40°C	mm ² /s	47,8	DIN 51 562
Viscosity index VI		147	DIN ISO 2909
HTHS at 150°C	mP? [*] s	2,7	ASTM D5481
CCS Viscosity at -30°C	mPa*s	6220	ASTM D5293
Low Temp. Pumping viscosity (MRV) at -35°C	mPa*s	22.100	ASTM D4684
Pourpoint	°C	-39	DIN ISO 3016
Noack Volatility	% M/M	9,0	ASTM D5800/b
Flash point	°C	234	DIN ISO 2592
TBN	mg KOH/g	7,8	ASTM D2896
Sulphated ash	%wt.	0,8	DIN 51 575

All information correspond to the best of our knowledge to the actual situation of the cognitions and our development. Subject to alterations. All references made to DIN-norms are only for the description of the goods. There is no guarantee. In case there will be any problems please contact the technical service.

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