



# RAVENOL TSi SAE 10W-40



1L | 1112110-001  
4L | 1112110-004  
5L | 1112110-005  
10L | 1112110-010  
20L | 1112110-020  
20L | 1112110-B20  
60L | 1112110-060  
60L | 1112110-D60  
208L | 1112110-208  
208L | 1112110-D28  
1000L | 1112110-700

**Kategorie:** Passenger car motor oil

**Artikelnummer:** 1112110

**Viscosity:** 10W-40

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

**Oil type:** Semi-synthetic

**Approvals:** API SM, API SN, BMW Special Oil, MB-Freigabe 229.1, VW 501 01, VW 505 00

**Recommendation:** MB 229.3, VW 500 00, VW 502 00

**Application:** Passenger car

**RAVENOL TSi SAE 10W-40** is a high additive treated engine oil which allows an energy-saving operation because of its additivation, choice of base oils and viscosity adjustment. In order to guarantee the low viscosity of the SAE class 10W as well as a low evaporation loss **RAVENOL TSi SAE 10W-40** is produced on the basis of hydro crack oils and polyalphaolefins (PAO) which correspond to the high tech demands.

**RAVENOL TSi SAE 10W-40** contains less than 30 % Polyalphaolefins (PAO).

## Application Note

**RAVENOL TSi SAE 10W-40** is suitable for all modern cars with petrol and diesel engines all the year; no sludge in the motor, excellent results during the test run. High engine cleanness is guaranteed also in case of turbo charging and a complete catalyst operation as well as multi valves and diesel direct injections.

## 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>	862,0	EN ISO 12185
Colour		braun	VISUELL
Viscosity at 100 °C	mm <sup>2</sup> /s	14,5	DIN 51562-1
Viscosity at 40 °C	mm <sup>2</sup> /s	97,7	DIN 51562-1
Viscosity Index VI		153	DIN ISO 2909
HTHS Viscosity at 150 °C	mPa*s	4,03	ASTM D5481
CCS Viscosity at -25 °C	mPa*s	4900	ASTM D5293
Low Temp. Pumping viscosity (MRV) at -30 °C	mPa*s	18.000	ASTM D4684
Pourpoint	°C	-42	DIN ISO 3016
Noack Volatility	% wt.	10,7	ASTM D5800
Flashpoint	°C	224	DIN EN ISO 2592
tbn	mg KOH/g	10,0	ASTM D2896
Sulphated Ash	% wt.	1,3	DIN 51575

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

25.08.2022