



# 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

**Specifications:** ACEA A3/B4, API CF, API SN Plus, API SP

**Oil type:** Semi-synthetic

**Approvals:** API SN Plus, API SP, BMW Special Oil

**Recommendations:** MB 229.1, MB 229.3, VW 500 00, VW 501 01, VW 502 00, VW 505 00

**Application:** Passenger car

**Technology:** CleanSynto

**RAVENOL TSi SAE 10W-40** is a semi-synthetic CleanSynto® engine oil which allows an energy-saving operation because of its additivition, 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 which correspond to the demands.

Extended oil change intervals according to manufacturer's instructions.

## Application instructions

**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 cleanliness 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

CHARACTERISTICS	PROPERTY	DATA	AUDIT
Colour		braun	VISUELL
Sulphated Ash	% wt.	1,3	DIN 51575
tbn	mg KOH/g	10,0	ASTM D2896
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
CCS Viscosity at -25 °C	mPa*s	5940	ASTM D5293
Density at 20 °C	kg/m <sup>3</sup>	862,0	EN ISO 12185
Flashpoint	°C	234	DIN EN ISO 2592
HTHS Viscosity at 150 °C	mPa*s	4,03	ASTM D5481
Low Temp. Pumping viscosity (MRV) at -30 °C	mPa*s	20.800	ASTM D4684
Noack Volatility	% wt.	9,5	ASTM D5800
Pourpoint	°C	-42	DIN ISO 3016