

## RAVENOL TURBO EXTRA SAE 20W-50

Art. 1113125

### Description:

**RAVENOL TURBO EXTRA SAE 20W-50** is universal multigrade engine oil for passenger car gasoline and diesel engines with or without turbocharging. Excellent Features by special solvent refined base oils and special additives. Minimizes friction and wear, good cold start properties. Extended oil change intervals according to manufacturer's instructions.

The high additive content of **RAVENOL TURBO EXTRA SAE 20W-50** guarantees an excellent effect, especially in regard to the detergent, dispersant and anti-wear properties.

**RAVENOL TURBO EXTRA SAE 20W-50** is a top product with high safety reserves.

### Application Directions:

**RAVENOL TURBO EXTRA SAE 20W-50** is used in passenger car gasoline and diesel engines with and without turbocharging, if the SAE 20W-50 is required.

**RAVENOL TURBO EXTRA SAE 20W-50** is miscible with all HD motor oils based on mineral oil.

Is for use in

### Quality Classification:

**RAVENOL TURBO EXTRA SAE 20W-50** is tried and tested for aggregates specifying:

Specifications: API SL/CF, ACEA A3/B4, E2

Recommendations: VW 505 00, VOLVO VDS, MB 228.1 und 229.1, MAN 271, MTU

### Technical Characteristics:

**RAVENOL TURBO EXTRA SAE 20W-50** offers:

- Excellent detergent and dispersant
- A good cold start performance
- High oxidation stability
- An excellent viscosity-temperature behaviour
- Best wear protection
- High safety reserves
- Reduction of emissions
- Catalyst suitability

### Technical Values:

Characteristics	unit	data	test according to
<b>Colour</b>		yellow brown	visual
<b>Density</b> at 20 °C	kg/m <sup>3</sup>	884	EN ISO 12185
<b>Viscosity</b> at 40 °C	mm <sup>2</sup> /s	147,5	DIN 51 562
at 100 °C	mm <sup>2</sup> /s	17,5	DIN 51 562
<b>Viscosity index VI</b>		130	DIN ISO 2909
<b>Flash point (COC)</b>	°C	230	DIN ISO 2592
<b>Pour point</b>	°C	- 28	DIN ISO 3016
<b>TBN</b>	mg KOH/g	8,7	DIN ISO 3771
<b>Sulphated ash</b>	%wt.	1,03	DIN 51 575

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