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## - Certificate / Product information-

### RAVENOL Professional Engine Cleaner

Art. 1390321

Active Concentrate for engines

Lubricant additive

#### Description:

**RAVENOL Professional Engine Cleaner** is active concentrate for longer oil cleanliness for all petrol and diesel engines (with and without catalytic converter).

**RAVENOL Professional Engine Cleaner** effectively breaks down dirt accumulation and sludge deposits in the engine compartment using intensive-cleaning tensides and removes these effectively when draining used oil.

**RAVENOL Professional Engine Cleaner** cleans and rinses the entire engine system.

#### Application Directions:

**RAVENOL Professional Engine Cleaner** is added to the warm motor oil.

Area of application:

- If black sludge is suspected
- In the event of hydraulic tappets rattling
- In the event of delayed oil change
- For soiled engines or used oil

Application: Add the contents to the warm motor oil before changing oil. Do not go below the minimum oil level. For maximum effect, allow to run for up to 10 minutes. Afterwards, immediately replace oil and filter.

#### Quality Classification:

**RAVENOL Professional Engine Cleaner** is suitable for all motor oils based on mineral oil and synthetic oil.

#### Technical Characteristics:

**RAVENOL Professional Engine Cleaner** offers:

- Long-term effectiveness and clean fresh oil
- Remedy for soiled engines
- Protection against compression loss in the area of the piston rings

#### Technical Values:

Characteristics	unit	data	test according to	
<b>Colour</b>		light brown	visual	
<b>Density</b>	at 20°C	kg/m <sup>3</sup>	817	EN ISO 12185
<b>Viscosity</b>	at 40°C	mm <sup>2</sup> /s	7	DIN EN ISO 3104
<b>Flash point (PM)</b>	°C	120		DIN ISO 3679

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