



## RAVENOL BREAK-IN OIL SAE 30



**1 L | 1114105-001**  
**4 L | 1114105-004**  
**5 L | 1114105-005**  
**20 L | 1114105-020**  
**20 L | 1114105-B20**  
**60 L | 1114105-060**  
**60 L | 1114105-D60**  
**208 L | 1114105-208**  
**208 L | 1114105-D28**

**Category** Other engine oil

**Item number** 1114105

**Viscosity** 30

**Specification** SAE 30

**Oil type** Mineral

**RAVENOL Break-In Oil SAE 30** is mineral break-in oil for start-up filling and the breaking-in of repaired or overhauled engines.

**RAVENOL Break-In Oil SAE 30** dispenses with the use of friction coefficient improving additives (friction modifier) to considerably shorten the break-in phase for rebuilt and modified engines. The piston rings are rapidly seated.

Due to its high content of 2.5% ZDDP (zinc dithiophosphate) (equivalent to approx. 2,500 ppm zinc), **RAVENOL Break-In Oil SAE 30** is especially recommended for driving classic V8 engines with flat tappets.

### Application Note

**RAVENOL Break-In Oil SAE 30** serves as a classic break-in oil and therefore can only remain in the engine for a short time (max. 1000km). The particularly high levels of anti-wear additives offer extra protection during the critical break-in phase of rebuilt engines. Please pay attention to the specifications of your engine reconditioners during the break-in phase. High engine loads and speeds are to be avoided.

### Characteristics

- Very high levels of ZDDP
- No friction modifier
- Breaks the engine in as quickly as possible

### Technical Product Data

Density at 20 °C	881,0	kg/m <sup>3</sup>	EN ISO 12185
Colour	rot		VISUELL
Viscosity at 100 °C	11,0	mm <sup>2</sup> /s	DIN 51562-1
Viscosity at 40 °C	90,6	mm <sup>2</sup> /s	DIN 51562-1
Viscosity Index VI	106		DIN ISO 2909
Pourpoint	-27	°C	DIN ISO 3016

Flashpoint	248	°C	DIN EN ISO 2592
Sulphated Ash	0,9	%wt.	DIN 51575

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