RAVENOL Break-In Oil SAE 20W-50

ART.-NR. 1114110

1 L | 1114110-001
4 L | 1114110-004
20 L | 1114110-020

VISCOSITY 20W-50
SPECIFICATIONS SAE 20W-50
FABRICATION MINERAL

RAVENOL Break-In Oil SAE 20W-50 is a mineral feed oil for the start-up filling and breaking-in of repaired or overhauled engines with special high-pressure additives that can withstand very high pressure.
RAVENOL Break-In Oil SAE 20W-50 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 20W-50** is especially recommended for driving classic V8 engines with flat tappets.
RAVENOL Break-In Oil SAE 20W-50 protects the camshaft, lifter and valve train in the running-in phase of the engine.
RAVENOL Break-In Oil SAE 20W-50 is very well suited for all high-lift and high-speed camshafts and regulates the first run-in clearance of engine mounts.
RAVENOL Break-In Oil SAE 20W-50 is well suited for racing engines, which have hardly a warm-up phase.

Application Notes

RAVENOL Break-In Oil SAE 20W-50 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.

Classifications

RAVENOL Break-In Oil SAE 20W-50 is tried and tested for aggregates specifying:

Characteristics

RAVENOL Break-In Oil SAE 20W-50 offers:

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

Property	Unit	Data	Audit
Density at 20°C	kg/m³	882	DIN EN 12185
Colour		rot	visual
Viscosity at 100°C	mm²/s	18,3	DIN 51562
Viscosity at 40°C	mm²/s	160,4	DIN 51 562
Viscosity index VI		127	DIN ISO 2909
CCS Viscosity at -15°C	mPa*s	7330	ASTM D5293
Pourpoint	°C	-33	DIN ISO 3016
Flash point (COC)	°C	242	DIN ISO 2592
TBN	mg KOH/g	5,0	ASTM D2896
Sulphated ash	%wt.	0,9	DIN 51 575

All information correspond to the best of our knowledge to the actual situation of the cognitions and our development. Subject to alterations. All references made to DIN-norms are only for the description of the goods. There is no guarantee. In case there will be any problems please contact the technical service.

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