Ravensberger Schmierstoffvertrieb GmbH Joellenbecker Strasse 2 33824 Werther

Tel.: 05203/9719-0 Fax.: 05203/9719-42

- Zertifikat / ProduktInformation-

RAVENOL RNV SAE 5W-30

Art. 1111114

SYNTHETIC CleanSynto®

Description:

RAVENOL RNV SAE 5W-30 is a synthetic low-friction motor oil with CleanSynto® technology for passenger car petrol and diesel engines based on the latest additive technology with selected base oils. It was specially developed for Renault and Dacia engines.

RAVENOL RNV SAE 5W-30 is suitable for use in petrol and diesel engines with and without a particle filter and exhaust gas catalytic converter and in engines according to the latest EURO 6d-Temp standard. The viscosity range SAE 5W-30 ensures a reliable cold start at low outside temperatures and full lubricity at high operating temperatures. Frictional losses and wear are reduced.

By significantly reducing fuel consumption, **RAVENOL RNV SAE 5W-30** helps to protect the environment by reducing emissions.

Extended oil change intervals according to the manufacturer's instructions.

Application Directions:

RAVENOL RNV SAE 5W-30 is suitable for all petrol engines, diesel engines without DPF (Diesel Particulate Filter), diesel engines with DPF from EURO 6d-Temp by RENAULT and Dacia as well as for diesel engines with DPF, if an engine oil according to ACEA C3 is required.

RAVENOL RNV SAE 5W-30 can be used universally in all petrol and diesel engines with and without turbocharging, except RS / Alpine.

RAVENOL RNV SAE 5W-30 can also be used for the latest EURO 6d engines.

The Renault specification RN17 replaces the specification RN0700 and RN0710.

The oil change intervals according to the manufacturer's instructions must be observed.

Quality Classification:

RAVENOL RNV SAE 5W-30 is approved, tried and tested for aggregates specifying:

<u>Specifications:</u> ACEA C3 <u>Approval</u>: Renault RN17

Technical Characteristics:

RAVENOL RNV SAE 5W-30 offers:

- · low content of ash-forming components (sulfate ash, phosphorus and sulfur)
- specific additive technology for optimal lubrication
- extremely high aging resistance, durability and robustness
- · excellent cleaning properties
- Fuel savings

To the best of our knowledge all information reflects the current state of findings and our development. Subject to change. Any reference to DIN standards are solely for product description purposes and do not represent a guarantee. If problems occur please consult a technician.

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Technical Values:

Characteristics	Unit	Data	Test according to
Density at 20 °C	kg/m³	845,0	EN ISO 12185
Colour		yellow brown	visual
Viscosity at 100 °C	mm²/s	12,0	DIN 51562-1
Viscosity at 40 °C	mm²/s	64,0	DIN 51562-1
Viscosity Index VI		187	DIN ISO 2909
HTHS Viscosity at 150 °C	mPa*s	3,7	ASTM D5481
CCS Viscosity at -30 °C	mPa*s	5576	ASTM D5293
Low Temp. Pumping viscosity (MRV) at -35 °C	mPa*s	22.370	ASTM D4684
Pourpoint	°C	-36	DIN ISO 3016
Noack Volatility	% M/M	7,6	ASTM D5800
Flashpoint	°C	240	DIN ISO 2592
TBN	mg KOH/g	8,7	ASTM D2896
Sulphated ash	%wt.	0,76	DIN 51575

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

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