

## - Certificate / Product Information -

### **RAVENOL REP Racing Extra Performance SAE 5W-30**

Art. 1141088

FULLY SYNTHETIC

RACING & USVO®

#### **Description:**

**RAVENOL REP Racing Extra Performance SAE 5W-30** was developed together with Ralf Schumacher for motorsport and is ideally suited for car racing, even when subject to the highest levels of strain. This is confirmed by his signature on the label. Although it was designed specifically as a racing oil, **RAVENOL REP Racing Extra Performance SAE 5W-30** has passed all necessary tests and thus received official approvals of the car manufacturers for everyday use. **RAVENOL REP Racing Extra Performance SAE 5W-30** offers significantly better protection for petrol engines than ordinary engine oils.

**RAVENOL REP Racing Extra Performance SAE 5W-30** is a modern, PAO (poly-alpha-olefin) based fully synthetic multigrade engine oil with USVO® Technology.

**RAVENOL REP Racing Extra Performance SAE 5W-30** is ideally suited for gasoline engines for car racing, even when subject to the highest levels of strain.

Due to the USVO® technology we achieve an extremely high viscosity stability. We avoid the disadvantages of polymeric viscosity improvers while taking advantage of them. This improves engine protection, performance, engine cleanliness and oil drain intervals. The USVO® technology makes it possible that the product has no shear losses during the entire change interval and is extremely stable to oxidation. This unique technology helps oil to be lubricated faster, thereby minimizing friction while keeping the engine clean and efficient.

Due to its high viscosity index, extreme shear stability and a highly effective special novel additivation with molybdenum and tungsten, **RAVENOL REP Racing Extra Performance SAE 5W-30** is also suitable for an extremely sporty driving style.

**RAVENOL REP Racing Extra Performance SAE 5W-30** utilizes the positive properties of molybdenum and tungsten to smooth the surface structure of the motor, reducing friction and wear, and significantly improving mechanical efficiency.

**RAVENOL REP Racing Extra Performance SAE 5W-30** achieves a secure lubrication layer thanks to its unique formulation even at very high operating temperatures, protection from corrosion (oxidation) and foaming.

#### **Application Directions:**

**RAVENOL REP Racing Extra Performance SAE 5W-30** can be used as special oil for car race even under most difficult conditions.

#### **Quality Classification:**

**RAVENOL REP Racing Extra Performance SAE 5W-30** is tried and tested for aggregates specifying:

Specification: API SN, ACEA C3

License: API SN

Approvals: MB-Approval 229.51, MB-Approval 229.52, MB-Approval 226.5, Renault RN0700 / RN0710, GM Dexos2 (License-No. D20584HI081), Opel OV0401547 (only Diesel engines), BMW Longlife-04

Race Partnerships: Nürburgring Tested, Hockenheim Premium Partner, Recommendation of Ralf Schumacher

#### **Technical Characteristics:**

**RAVENOL REP Racing Extra Performance SAE 5W-30** offers:

- Ultra-modern fully synthetic engine oil for car race with special molybdenum and tungsten additives
- Safe lubricating layer at very high operating temperatures
- Very stable and excellent viscosity behaviour
- Very low evaporation tendency
- Very good cold start characteristics
- Very good detergent and dispersant characteristics
- Good protection against corrosion and foam formation

**- Certificate / Product Information -**

**RAVENOL REP Racing Extra Performance SAE 5W-30**

Art. 1141088

FULLY SYNTHETIC

RACING & USVO®

**Technical Values:**

Characteristics	Unit	Data	Test according to
Density at 20°C	kg/m³	848,0	DIN 51757
Colour		brown	visual
Viscosity at 100°C	mm²/s	12,2	DIN 51562-1
Viscosity at 40°C	mm²/s	73,4	DIN 51562-1
Viscosity Index VI		165	DIN ISO 2909
HTHS Viscosity at 150°C	mPa*s	3,7	ASTM D5481
CCS Viscosity at -30°C	mPa*s	4301	ASTM D5293
Low Temp. Pumping viscosity MRV at -35°C	mPa*s	14.870	ASTM D4684
Pourpoint	°C	-60	DIN ISO 3016
Noack Volatility	% M/M	6,2	ASTM D5800
Flashpoint	°C	244	DIN ISO 2592
TBN	mg KOH/g	8,1	ASTM D2896
Sulphated ash	%wt.	0,8	DIN 51575

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