

### Description

Low SAPS high-performance low-friction motor oil with modern wear-protection technology. Prevents sludge formation and ensures a stable lubricating film, even under extreme operating conditions. Keeps oil consumption low and guarantees moderate fuel consumption.



### Properties

- good ageing stability
- high wear resistance
- good cold-start behavior
- suitable for gasoline and diesel engines with and without exhaust-gas turbocharging
- prevents black sludge
- low evaporation loss
- high shear stability
- ensures moderate fuel consumption
- good cleaning action
- tested for turbochargers and catalytic converters
- suitable for particle filters

### Specifications / Approvals

ACEA C2, C3 • API SP

### Technical data

SAE class (engine oils)	5W-30 SAE J300
Density at 15 °C	0,855 g/cm <sup>3</sup> ASTM D4052
Viscosity at 40 °C	71,0 mm <sup>2</sup> /s ASTM D445
Viscosity at 100 °C	12,0 mm <sup>2</sup> /s ASTM D445
Viscosity at -35 °C (MRV)	≤ 60000 mPas ASTM D4684
Viscosity at -30 °C (CCS)	≤ 6600 mPas ASTM D5293
Viscosity index	165 ASTM D2270
HTHS at 150°C	≥ 3,5 mPas ASTM D5481
Pour point	-39 °C ASTM D97
Evaporation loss (Noack)	10,0 % ASTM D5800
Flash point	230 °C ASTM D92
Total base number	7,0 mg KOH/g ASTM D2896
Sulfate ash	0,8 g/100g ASTM D874

### Technical data

Color number (ASTM) L3,0  
ASTM D1500

### Areas of application

For year-round use in gasoline, diesel, and hybrid vehicles with and without turbocharging as well as with particulate filter that require a lubricant with this specification. Tested on engines with catalytic converters.

### Application

The specifications and instructions from the assembly or vehicle manufacturer must be followed.

### Available pack sizes

1 l Canister plastic	48351 EN
3,5 l Canister plastic	48355 EN
4 l Canister plastic	48352 EN
205 l Black plate barrel	48350 EN

**Our information is based on thorough research and may be considered reliable, although not legally binding.**