

# Product information

## Top Tec 4600 SAE 5W-30

PI 43/10/10/2019



### Description

Suitable for gasoline and diesel vehicles with and without particulate filter & exhaust gas turbochargers. Fully-synthetic low-SAPS engine oil for all-season use. The state of the art additive technology guarantees a motor oil that provides exceptional protection against wear, reduces oil and fuel consumption.

### Properties

- excellent wear protection
- high lubrication reliability
- long engine service life
- especially suitable for vehicles with diesel particulate filter
- reduces pollutant emissions
- compatible for the use with turbochargers and catalytic converters
- smooth engine running
- rapid oil delivery at low temperatures
- reduces fuel consumption
- optimum oil pressure under all operating conditions
- high shear stability
- optimum stability to aging
- outstanding engine cleanliness
- miscible with all commercially available motor oils

### Specifications and approvals:

ACEA C2 • ACEA C3 • API SN • BMW Longlife-04 • GM dexos2™ • MB-Approval 229.31 • MB-Approval 229.51 • MB-Approval 229.52 • VW 505 00 • VW 505 01

**LIQUI MOLY also recommends this product for vehicles or assemblies for which the following specifications or original part numbers are required:**

Fiat 9.55535-S3 • Ford WSS-M2C 917-A • Opel GM-LL-A-025 • Opel GM-LL-B-025

### Technical data

SAE class (engine oils)	5W-30 SAE J300
Density at 59 °F	0,850 g/cm <sup>3</sup> DIN 51757
Viscosity at 104 °F	68,9 mm <sup>2</sup> /s ASTM D 7042-04
Viscosity at 212°F	12,0 mm <sup>2</sup> /s ASTM D 7042-04
Viscosity at -31 °F (MRV)	< 60000 mPas ASTM D4684
Viscosity at -22 °F (CCS)	<= 6600 mPas ASTM D5293

### Technical data

Viscosity index	172 DIN ISO 2909
HTHS at 302 °F	>= 3,5 mPas ASTM D5481
Pour point	-38 °F DIN ISO 3016
Evaporation loss (Noack)	10,0 % CEC-L-40-A-93
Flash point	446 °F DIN ISO 2592
Total base number	7,4 mg KOH/g DIN ISO 3771
Sulfate ash	<= 0,8 g/100g DIN 51575
Color number (ASTM)	2,5 DIN ISO 2049

### Areas of application

Fully synthetic all-season motor oil for gasoline and diesel-powered passenger cars. Particularly suited for vehicles with diesel particulate filter (DPF) - also for retrofits. Tested for use with catalytic converters and turbochargers. Follow the manufacturer's instructions!

### Application

The operating regulations of the vehicle and engine manufacturers must be followed.

### Available pack sizes

1 l Canister plastic	20446 USA AND CANADA (-EN-F-)
5 l Canister plastic	20448 USA AND CANADA (-EN-F-)
20 l Canister plastic	20345 USA AND CANADA (-EN-F-)

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### Available pack sizes

60 l Drum sheet metal	3758
	D-GB
205 l Drum sheet metal	3759
	D-GB

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