

Top Tec 4600 5W-30

Description

Modern top class low-friction engine oil for all-season use in gasoline and diesel engines with or without diesel particulate filters (DPF) and exhaust-gas turbochargers. The combination of unconventional basic oils using synthetic technology, together with the latest additive technology, guarantee a motor oil that provides exceptional protection against wear and reduces oil and fuel consumption, while ensuring that the engine is immediately supplied with oil. This product allows for oil change intervals of up to 40,000 km, depending on the manufacturer's specifications. In addition, Top Tec 4600 5W-30 is best suitable for gas fuelled (CNG/LPG) passenger cars.

Properties

- excellent wear protection
- high lubrication reliability
- long engine service life
- especially suitable for vehicles with diesel particulate filter
- reduces pollutant emissions
- tested for 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
- mixable with all commercially available motor oils

Specifications and approvals:

ACEA C3 • API SN • API CF • BMW Longlife-04 • GM dexos2™ • MB-Approval 229.31 • MB-Approval 229.51 • MB-Approval 229.52 • VW 502 00 • 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:

ACEA A3 • ACEA B4 • 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 15 °C	0,855 g/cm ³ DIN 51757
Viscosity at 40 °C	68,9 mm ² /s ASTM D 7042-04



Technical data

Viscosity at 100 °C	12,0 mm ² /s ASTM D 7042-04
Viscosity at -35 °C (MRV)	< 60000 mPas ASTM D4684
Viscosity at -30°C (CCS)	<= 6600 mPas ASTM D5293
Viscosity index	172 DIN ISO 2909
HTHS at 150°C	>= 3,5 mPas ASTM D5481
Evaporation loss (Noack)	10,0 % CEC-L-40-A-93
Pour point	-39 °C DIN ISO 3016
Flash point	230 °C 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

Optimum for modern gasoline and diesel engines with multi-valve technology, Valvetronic and turbocharging (with or without charge air cooling). Especially suitable where there are long intervals between oil changes and heavy duty engine requirements.

Application

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

Full effectiveness can only be ensured when the product is not mixed!

Available pack sizes

1 l Canister plastic	3755 D-F-I
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1 l Canister plastic	2315 BOOKLET
1 l Canister plastic	8032 D-RUS-UA
4 l Canister plastic	3763 BOOKLET
5 l Canister plastic	3756 D-F-I
5 l Canister plastic	2316 BOOKLET
5 l Canister plastic	3884 D-F-I
5 l Canister plastic	8033 D-RUS-UA
20 l Canister plastic	3757 D-GB-I-E-P
60 l Drum sheet metal	3758 D-GB
60 l Deposit container	3761 D-GB
120 l Deposit container	3762 D-GB
205 l Drum sheet metal	3759 D-GB
1 l Bulk goods	3760 D-GB

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