

# Product information

## Leichtlauf High Tech 5W-40

PI 45/14/10/2020



### Description

Modern top class low-friction engine oil for all-season use in gasoline and diesel engines without diesel particulate filters (DPF). The combination of innovative base oils – based on synthesis technology and the latest additive technology – guarantees an engine oil that reduces oil and fuel consumption and that ensures fast lubrication of the engine. Depending on the manufacturer instructions, oil change intervals of up to 40,000 km are possible.

### Properties

- optimal engine performance
- smooth engine running
- outstanding engine cleanliness
- high shear stability
- saves fuel and reduces pollutant emissions
- excellent wear resistance
- long engine service life
- outstanding lubrication reliability
- optimum stability to aging
- optimum oil pressure under all operating conditions
- instant lubrication after cold start
- tested for turbochargers and catalytic converters
- miscible with all commercially available motor oils

### Specifications and approvals:

ACEA A3 • ACEA B4 • API SN • BMW Longlife-01 • MB-Approval 229.5 • Peugeot Citroen (PSA) B71 2296 • Porsche A40 • Renault RN 0700 • Renault RN 0710 • VW 502 00 • VW 505 00

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

Chrysler MS-10725 • Chrysler MS-10850 • Fiat 9.55535-H2 • Fiat 9.55535-M2 • Fiat 9.55535-N2 • Fiat 9.55535-Z2 • Opel GM-LL-B-025 • Peugeot Citroen (PSA) B71 2294

### Technical data

SAE class (engine oils)	5W-40 SAE J300
Density at 15 °C	0,855 g/cm <sup>3</sup> DIN 51757
Viscosity at 40 °C	70,0 mm <sup>2</sup> /s ASTM D 7042-04
Viscosity at 100 °C	12,9 mm <sup>2</sup> /s ASTM D 7042-04
Viscosity at -35 °C (MRV)	≤ 60000 mPas ASTM D4684



### Technical data

Viscosity at -30°C (CCS)	≤ 6600 mPas ASTM D5293
Viscosity index	190 DIN ISO 2909
HTHS at 150°C	≥ 3,5 mPas ASTM D5481
Pour point	-45 °C DIN ISO 3016
Evaporation loss (Noack)	10,0 % CEC-L-40-A-93
Flash point	232 °C DIN ISO 2592
Total base number	11,3 mg KOH/g DIN ISO 3771
Sulfate ash	1,0 - 1,6 g/100g DIN 51575
Color number (ASTM)	L 3,5 DIN ISO 2049

### Areas of application

Ideally suited for modern gasoline and diesel engines with multi-valve technology, turbocharger and with or without charge air cooling. Especially suitable where there are long intervals between changes and heavy duty engine requirements.

### Application

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

### Available pack sizes

1 l Canister plastic	2327 BOOKLET
1 l Canister plastic	20702 D-GB-CN
1 l Canister plastic	21237 ALGERIEN-GB-ARAB-F
1 l Canister plastic	20899 JP

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### Available pack sizes

4 l Canister plastic	2595 BOOKLET
4 l Canister plastic	20964 D-GB-CN
5 l Canister plastic	2328 BOOKLET
5 l Canister plastic	20668 ALGERIEN-GB-ARAB-F
5 l Canister plastic	20992 D-GB-CN
5 l Canister plastic	20900 JP
20 l Canister plastic	3867 D-GB-I-E-P
20 l Canister plastic	20927 JP
60 l Drum sheet metal	3868 D-GB
205 l Drum sheet metal	3869 D-GB
1 l Tank truck	3070 D-GB

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