

## Special Tec LL 5W-30



### Description

Modern multi-purpose low-friction motor oil developed according to the latest technology. Unconventional base oils based on HC synthetic technology were combined with the most modern additive technology. The low-viscosity and high shear stability of the motor oil guarantees optimal cleanliness, reduces frictional loss in the engine and provides outstanding protection against wear. The results are savings in fuel and an extended service life for the engine. Tested for turbochargers and catalytic converters. Especially suited for use in Opel gasoline and diesel engines until 2010 MY. However, the product is also backwards compatible and can thus be used in older Opel vehicles which permit a motor oil of this viscosity class. Pay attention to the manufacturer's instructions. The manufacturer's instructions for the use of other vehicle models and types must be observed.

### Properties

- tested for turbochargers and catalytic converters
- high lubrication reliability
- outstanding engine cleanliness
- optimum stability to aging
- high shear stability
- instant lubrication after cold start
- saves fuel and reduces pollutant emissions

### Specifications and approvals:

ACEA A3 • ACEA B4 • API SL • MB-Approval 229.5 • 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:

BMW Longlife-01 (up to 2018) • Opel GM-LL-A-025 • Opel GM-LL-B-025

### Technical data

Density at 15 °C	0,855 g/cm <sup>3</sup> DIN 51757
Viscosity at 40 °C	64,0 mm <sup>2</sup> /s ASTM D 7042-04
Viscosity at 100 °C	11,5 mm <sup>2</sup> /s ASTM D 7042-04
Viscosity at -35 °C (MRV)	< 60000 mPas ASTM D4684
Viscosity at -30°C (CCS)	<= 6600 mPas ASTM D5293

### Technical data

Viscosity index	176 DIN ISO 2909
High temperature/high shear viscosity	>= 3,5 ASTM D5481
Pour point	-42 °C DIN ISO 3016
Evaporation loss (Noack)	11,0 % CEC L-40-A-93
Flash point	230 °C DIN ISO 2592
Total base number	11,2 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

Liqui Moly Low Friction Special SAE 5W-30 currently is mainly required for different Opel gasoline and diesel vehicles until model year 2010. Backwards compatible, enabling use in older Opel vehicles. The motor oil can also be used for other vehicle models provided that the manufacturer's instructions are observed.

### Application

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

### Available pack sizes

1 l Canister plastic	1192 D-F-I
1 l Canister plastic	2447 BOOKLET
1 l Canister plastic	8054 D-RUS-UA
1 l Canister plastic	20901 JP

## Special Tec LL 5W-30

### Available pack sizes

4 l Canister plastic	2339 BOOKLET
4 l Canister plastic	7654 D-RUS-UA
5 l Canister plastic	1193 D-F-I
5 l Canister plastic	2448 BOOKLET
5 l Canister plastic	8055 D-RUS-UA
5 l Canister plastic	20902 JP
20 l Canister plastic	1194 D-GB-I-E-P
20 l Canister plastic	20928 JP
60 l Drum sheet metal	1195 D-GB
60 l Deposit container	1197 D-GB
205 l Drum sheet metal	1196 D-GB

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