Product information

PI 57/07/14/2022

Molygen New Generation SAE 5W-40

Description

Fully synthetic LIQUI MOLY specialty with a unique additive technology. The powerful MFC (Molecular Friction Control) technology prevents formation of deposits while simultaneously reducing frictional losses. The synergetic effect provides optimum wear protection even under tough operating conditions. Improved fuel consumption and increased engine life are some of the end results. The oils fluorescent green color is typical for the MFC formulation.

Properties

- outstanding engine cleanliness
- excellent high and low temperature behavior
- friction and wear reducing
- optimum stability to aging
- excellent wear protection
- miscible with all commercially available motor oils
- outstanding lubrication reliability
- high shear stability
- ideal with turbochargers and catalytic converters
- instant lubrication after cold start

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 • API SN • BMW Longlife-01 (up to 2018)* • Fiat 9.55535-H2 • Fiat 9.55535-N2 • Fiat 9.55535-Z2 • GWM • HAVAL • MB 229.5 • Opel GM-LL-B-025 • Porsche A40 • Renault RN 0700 • Renault RN 0710 • VW 502 00 • VW 505 00

Technical data

SAE class (engine oils)	5W-40 SAE J 300
Density at 59 °F	0,850 g/cm³ DIN 51757
Viscosity at 104 °F	90,0 mm²/s ASTM D 7042-04
Viscosity at 212°F	14,5 mm²/s ASTM D 7042-04
Viscosity at -31 °F (MRV)	< 60000 mPas ASTM D 4684
Viscosity at -22 °F (CCS)	<= 6600 mPas ASTM D 5293
Viscosity index	170 DIN ISO 2909
HTHS at 302 °F	>= 3,5 mPas ASTM D 5481
Pour point	-38 °F DIN ISO 3016

Technical data

Evaporation loss (Noack)	10,0 Gew.-% DIN 51581
Flash point	428 °F 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 / appearance	green, fluorescent

Areas of application

For gasoline engines where a motor oil according to current specifications is required or recommended. Tested safe with catalytic converters and turbochargers.

Comment

⚠ **WARNING:** This product can expose you to chemicals including naphthalene, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Application

Observe the manufacturers instructions!

Available pack sizes

1 l Canister plastic	20230 USA-AND-CANADA-EN-F
5 l Canister plastic	20232 USA-AND-CANADA-EN-F
60 l Black plate barrel	22234 USA-AND-CANADA-EN-F
205 l Black plate barrel	20422 USA-AND-CANADA-EN-F
1.000 l Container	22139 USA-AND-CANADA-EN-F

Our information is based on thorough research

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and may be considered reliable, although not legally binding.

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