Product information

PI 38/08/12/2026

MoS2 Antifriction Motoroil SAE 20W-50

Description

Mineral based LIQUI MOLY specialty oil with an additive package containing Molybdenum Disulfide (MoS2). This unique formulation will add a high pressure and temperature resistant lubricating layer to all friction surfaces for added wear protection and safety reserves. Reduced friction will contribute to lower oil temperatures, oil consumption and stable oil pressure. Particularly suited for older generation air and water-cooled gasoline solid lifter engines, with or without turbochargers. The MoS2 formulation dictates the oils gray color.

Properties

- excellent wear protection
- good cold-start behavior
- outstanding engine cleanliness
- outstanding emergency-running properties
- suitable for gasoline and diesel engines with and without exhaust-gas turbocharging
- instant lubrication after cold start
- ideal with catalytic converters

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

ACEA A3 • ACEA B4 • API SL

Technical data

SAE class (engine oils)	20W-50 SAE J300
Density at 59 °F	0,880 g/cm³ DIN 51757
Viscosity at 104 °F	169,0 mm²/s ASTM D7042
Viscosity at 212°F	19,5 mm²/s ASTM D7042
Viscosity at -4 °F (MRV)	< 60000 mPas ASTM D4684
Viscosity at 5 °F (CCS)	<= 9500 mPas ASTM D5293
Viscosity index	130 DIN ISO 2909
HTHS at 302 °F	>= 3,5 mPas ASTM D5481
Pour point	-27 °F DIN ISO 3016
Evaporation loss (Noack)	7,0 % CEC-L-40-A-93
Flash point	446 °F DIN ISO 2592

Technical data

Total base number	10,4 mg KOH/g DIN ISO 3771
Sulfate ash	1,0 - 1,6 g/100g DIN 51575
Color / appearance	black-grey

Areas of application

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

⚠ 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	22070 CAEN-CAFR-USEN
5 l Canister plastic	22072 CAEN-CAFR-USEN

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

LIQUI MOLY GmbH
Jerg-Wieland-Str. 4
89081 Ulm-Lehr

Phone: +49 (0)731/1420-0
Fax: +49 (0)731/1420-82
e-mail: info@liqui-moly.de

Technical hotline: +49 (0)731/1420-871
www.liqui-moly.com