



DOW CORNING

Automotive and Transportation
Solutions

The Noise-Damping Grease That Stands up to Extreme Pressure

Molykote® G-1074 Grease

PERFORMANCE ADVANTAGES

- Excellent noise-damping properties and performance
- Fortified with additives to work under extreme pressure at high frequency
- Wide service-temperature range (-40 to 150°C)

FOR CHALLENGING AUTOMOTIVE APPLICATIONS

- Chassis and brake
- Exterior
- Interior

Molykote® G-1074 Grease is ideal for use on bearings, gears, slides and mechanical applications requiring low friction plus compatibility with common metals, plastics and/or elastomers.

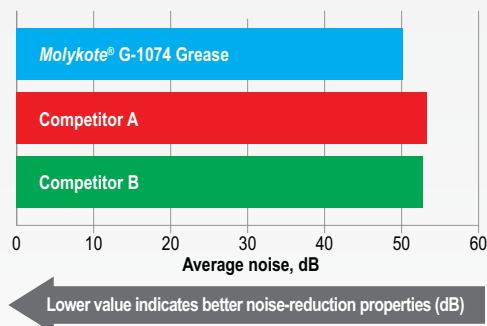
MOLYKOTE® G-1074 GREASE OUTPERFORMS THE COMPETITION

Molykote® G-1074 Grease is a PAO-based grease for lubricating common metal, plastic and elastomeric substrates. In addition to its excellent noise-damping properties, Molykote G-1074 Grease is specially formulated to work under extreme pressure at high frequency. It also performs reliably in both heat and extreme cold.

This makes it an excellent choice for a wide range of challenging automotive systems and applications, including chassis and brake, exterior, and interior.

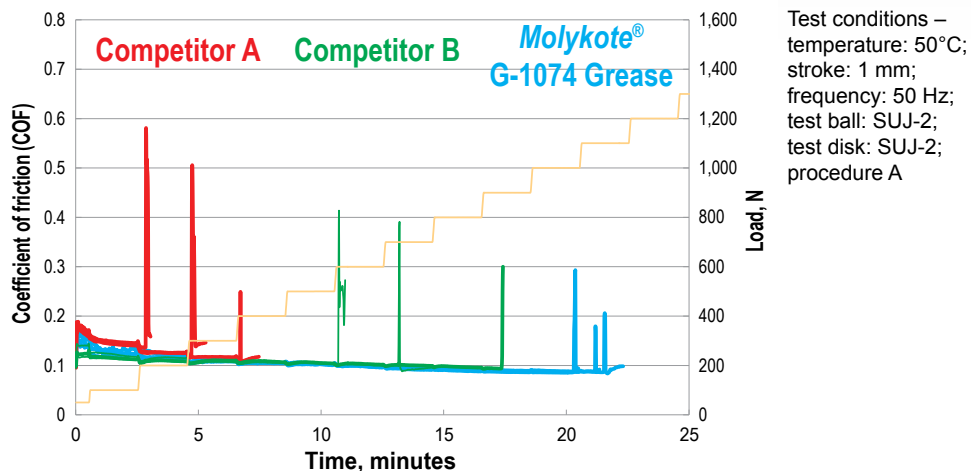
When tested against other well-known noise-damping greases on the market today, Molykote G-1074 Grease significantly outperformed the competition in both noise reduction and extreme-pressure performance.

AVERAGE NOISE COMPARISON



SRV EXTREME-PRESSURE TEST RESULTS

In OK load testing (ASTM D5706), Molykote G-1074 Grease demonstrated that it could maintain a low coefficient of friction under much higher loads than the competitive products.

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TYPICAL PROPERTIES

Specification Writers: These values are not intended for use in preparing specifications. Please contact your local Dow Corning Sales Application Engineer or Dow Corning Customer Service before writing specifications on this product.

Standard	Property	Molykote® G-1074 Grease
	Appearance	Translucent white
	Composition	Polyalphaolefin (PAO), lithium soap, PTFE, antioxidants
	Temperature range	-40 to 150°C
JIS K 2220	Penetration, 60 times worked @ 25°C	280
JIS K 2283	Base oil viscosity @ 40°C @ 100°C	53 mm²/s 8.5 mm²/s
JIS K 5600	Density	0.90 g/ml
JIS K 2220	Bleed, 24 hr @ 100°C	3.6%
JIS K 2220	Evaporation loss, 22 hr @ 99°C	0.1%
JIS K 2220	Water washout, 1 hr @ 38°C	1.98%
JIS K 2220	Dropping point	210°C
ASTM D2266	Wear scar, 4-ball test (1,200 rpm, 392 N, 1 hr)	0.69 mm
ASTM D5706	SRV, extreme pressure @ 50°C, 50 Hz, 1 mm, procedure A	1,000 N
JIS K 2220	Low-temperature torque -40°C starting -40°C running	99 mN·m 50 mN·m

JIS: Japanese Industrial Standard

ASTM: American Society for Testing and Materials

APPLICATION METHODS

Like most lubricating greases, *Molykote* G-1074 Grease can be easily applied using a clean brush, spatula or automated dispensing equipment.

PRODUCT PACKAGING

Molykote G-1074 Grease is available in 1 kg cans and 16 kg pails.

Test samples are available upon request.

IMPROVE COMFORT, SAFETY AND QUALITY WITH SMART LUBRICATION™ SOLUTIONS

In the extensive range of *Molykote*® brand *Smart Lubrication*™ solutions for noise, vibration and harshness control, you'll find a growing selection of noise-damping greases designed to help you improve vehicle comfort, safety and perceived quality.

Molykote® brand specialty lubricants are available through a worldwide network of more than 3,000 distributors. Additionally, we have Lubricant Expertise Centers strategically located around the globe to provide you with expert technical service and support.

LEARN MORE: CONTACT US

To learn more about *Molykote* G-1074 Grease for noise-damping applications in automotive systems or to request product samples, contact your Dow Corning Technical Representative, visit molykote.com/auto, email automotive@dowcorning.com or call Dow Corning Technical Customer Service at +1 800 248 2481.

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HANDLING PRECAUTIONS

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