

Information About *Molykote*[®] MH-62 (USA) Grease

Type

Synthetic hydrocarbon oil/
lithium soap grease containing
specially formulated solid
lubricants

Physical Form

Grease

Special Properties

Good compatibility with plastics;
wide service temperature range;
high load-carrying capacity

Primary Uses

Lubrication of plastic/plastic,
metal/metal, and metal/plastic
substrates in electromechanical
applications such as automotive
HVAC components and cables

Useful Temperature Range

-50 to 150°C (-58 to 302°F)

DESCRIPTION

Molykote[®] MH-62 (USA) Grease is a synthetic hydrocarbon oil/lithium soap grease containing specially formulated solid lubricants. It had good compatibility with plastics, a wide service temperature range of -50 to 150°C (-58 to 302°F), and a high load-carrying capacity.

TYPICAL APPLICATIONS

Molykote MH-62 (USA) Grease is designed primarily for plastic/plastic, metal/metal, and metal/plastic lubrication in electromechanical applications such as automotive HVAC components and cables. Examples include control cables, precision electric motors, antennas, audio equipment, and bearings under light to moderate loads.

LIMITATIONS

This product is neither tested nor represented as suitable for medical or pharmaceutical uses.

HOW TO USE

Molykote MH-62 (USA) Grease can be applied using conventional grease application methods, including brush, grease gun, or automatic dispensing.

SHIPPING LIMITATIONS

None.

STORAGE AND SHELF LIFE

Molykote MH-62 (USA) Grease can be stored 60 months from date of manufacture at ambient temperatures in its original, closed container.

PACKAGING

Molykote MH-62 (USA) Grease is available in 18-kg (35.2-lb) pails.

TYPICAL PROPERTIES

These values are not intended for use in preparing specifications.

Color	Beige
Penetration, worked 60, mm/10	260
NLGI #	2
Dropping Point, °C (°F)	195 (383)
Bleed, 24 hours at 100°C (212°F), percent	2.5
Evaporation, 24 hours at 100°C (212°F), percent	0.5
Oxidation Stability, 100 hours at 100°C (212°F), Δkg/cm ²	<0.5
Water Washout at 38°C (100°F), percent	<6
Low Temperature Torque, -20°C (-4°F), gfcM, Starting Torque	620
Running Torque	300
Four-Ball Wear Test, 1 hour at 40 kg, mm	<1
Four-Ball EP Welding Load Test, kg	>300

Specification Writers: Please obtain a copy of the Dow Corning Sales Specification for this product and use it as a basis for your specifications. It may be obtained from any Dow Corning Sales Office, or from Dow Corning Customer Service in Midland, MI. Call (517) 496-6000.

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