

# MOLYKOTE® MI-60 (USA) Grease

Light-consistency grease

## Features

- Wide service-temperature range
- Compatible with many plastics
- High load-carrying capacity
- Low coefficient of friction

## Composition

- Synthetic hydrocarbon oil
- Lithium soap
- Specially formulated solid lubricants

## Applications

Designed for long-term lubrication of mechanical elements in machinery and automotive applications such as steering columns, ignition mechanisms, and servo motors.

## Description

MOLYKOTE® MI-60 (USA) Grease is a synthetic hydrocarbon oil/lithium soap grease containing specially formulated solid lubricants. It has good compatibility with plastics such as polyacetal, polyamide, PS foam, and nylon. It also has a low coefficient of friction and high load-carrying capacity, as well as a wide service-temperature range of -50° to 150°C (-58° to 302°F).

## How to use

Apply to clean, dry substrates. MOLYKOTE® MI-60 (USA) Grease can be applied using conventional grease application methods, including brush, grease gun, or automatic dispensing.

## Handling precautions

PRODUCT SAFETY INFORMATION REQUIRED FOR SAFE USE IS NOT INCLUDED IN THIS DOCUMENT. BEFORE HANDLING, READ SAFETY DATA SHEETS AND CONTAINER LABELS FOR SAFE USE, PHYSICAL AND HEALTH HAZARD INFORMATION.

## Usable life and storage

MOLYKOTE® MI-60 (USA) Grease has a shelf life of 36 months from date of manufacture.

## Typical properties

Specification writers: These values are not intended for use in preparing specifications. Please contact your local MOLYKOTE® sales representative prior to writing specifications on this product.

Standard	Test	Unit	Result
	Color		Yellow
	Penetration, worked 60	mm/10	300
	NLGI		1 to 2
	Useful temperature range	°C (°F)	-50 to 150 (-58 to 302)
	Dropping Point	°C (°F)	195 (383)
	Bleed, 24 hours at 100°C (212°F)	%	3.5
	Evaporation, 22 hours at 99°C (210°F)	%	0.2
	Low Temperature torque, g <sub>cm</sub>		
	starting torque, -40°C (-40°F)		700
	running torque, -40°C (-40°F)		355
	Four-Ball Wear Test (1 hour, 400 N)	mm	0.45
	Four-Ball E.P. Test, OK load	N	4,300

## Packaging

MOLYKOTE® MI-60 (USA) Grease is available in 16 kg (35.2 lb) pails and 180 kg (397 lb) drums.

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