

MOLYKOTE® BR2 Plus Grease

Premium lithium soap grease including solid lubricants with excellent lubricating capabilities for metal-on-metal friction under heavy loads at slow to fast speeds

Features

- Superior load-carrying capability
- Extended time possible between applications
- Good oxidation resistance
- Can provide lubrication under conditions where it is difficult to create oil film
- Reduces wear
- Superior water resistance
- Superior corrosion resistance
- Prevents fretting corrosion

Composition

- Mineral oil
- Lithium soap
- Solid lubricants
- EP additives
- Corrosion inhibitor

Applications

Ideally suited for roller bearings, slide bearings, guides, roller guides, ball joints, splines, small low-speed gears, and as an automotive chassis grease.

How to use

Clean points of contact. As is usual with lubricating greases, apply or fill by means of a brush, spatula, or automatic lubrication device.

Can also be used in a centralized lubrication system.

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

When stored, unopened, in a cool, dark place, this product has a usable life of 60 months from the date of production.

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 ⁽¹⁾	Test	Unit	Result
	Appearance		Black
JIS K 2220	Penetration (worked 60 times)	mm/10	265 to 295
	NLGI class		2
JIS K 2220	Drop point	°C	185
	Service temperature range ⁽²⁾	°C	-30 to 130
JIS K 2220	Bleed (100°C 24 hours)	%	2.0
JIS K 2220	Evaporation (99°C 22 hours)	%	0.2
JIS K 2220	Oxidation resistance (99°C 100 hours)	MPa	0.03
JIS K 2220	Water washout (38°C/1 hour)	%	1.0
	Shell four ball test OK load	N	3,150
	Wear scar (1 hour, 800 N)	mm	1.2
DIN 51821-02-A	FAG bearing test, type FE9 (6,000 rpm, 130°C, 4,500 N)	hours	40
	DN value	mm/min	450,000
Corrosion resistance test			
ASTM D1743	Humidity corrosion		1 (None)
	SKF Emcor test		0 (None)

⁽¹⁾JIS: Japanese Industrial Standard. ASTM: American Society for Testing and Materials. DIN: Deutsche Industrie Norm.

⁽²⁾Up to 150°C for short periods of time.

Packaging

This product is available in 1 kg cans (10 cans/case) and 16 kg pails.

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