

# #202 MOLY-LITH™

Premium Multi-Purpose Grease with MoS<sub>2</sub>



## TECHNICAL DATA SHEET

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### DESCRIPTION

**#202 MOLY-LITH™** is a black Lithium 12-Hydroxystearate soap grease containing microfine molybdenum disulphide (MoS<sub>2</sub>). It is water resistant and displays excellent work stability under high loads, high speeds, shock and vibration. Sub-micron particles of MoS<sub>2</sub>, blended into the superior lubricating grease base, contribute to the exceptional load carrying and low friction characteristics.

**#202 MOLY-LITH** is an all-weather product which lubricates efficiently at temperatures down to -18°C (0°F). **#202 MOLY-LITH** has exceptional resistance to the effects of heat, water, weathering, oxidation and heavy loads. It contains rust, corrosion and oxidation inhibitors.

**#202 MOLY-LITH** gives excellent protection wherever dirt, dust, high humidity, rain and adverse temperatures are critical problems.

### CHARACTERISTICS

- Lithium based grease
- Contains Molybdenum Disulphide (MoS<sub>2</sub>) for friction reduction, and high load carrying capacity
- Superior metal adhesion
- Pumpable
- Resistant to water, heat, weathering and oxidation
- Excellent work stability

### APPLICATIONS

#202 MOLY-LITH is recommended for automotive and industrial applications, including all grease fittings where a semi-solid or plastic consistency grease is normally used. It is also used in grease cups, pre-sealed bearing, and for general chassis lubrication.

### PRODUCT SPECIFICATIONS

Thickener	Lithium Soap
Fluid Type	Lubricating Oil
Color/Appearance	Black Paste
Dropping Point (ASTM D-566)	199°C (390°F)
Specific Gravity, Typical	0.91
Density (kg/liter), Typical	0.91
Additive Type	EP/AW and MoS <sub>2</sub>
Flash Point (ASTM D-92)	>221°C (430°F)
Autoignition Point (Calculated)	>260°C (500°F)
NLGI Grade	2
Penetration @ 25°C (77°F) (ASTM D-217)	265 - 295
Copper Strip Corrosion (ASTM D-4048)	1A
Shell 4 Ball (ASTM D-2596)	
Weld Point, kgf	250
Load Wear Index	35
Wear Scar Diameter (ASTM D-2266)	0.6
Oxidation Resistance (ASTM D-942)	
psi Drop, 100 hours	<5.0
Base Oil Viscosity (ASTM D-445), cSt @ 40°C	100 - 160

### OPERATING RANGE

-18°C to 150°C (0°F to 300°F)

### PACKAGING

Inventory Code	Container Size	Container
33050	14 oz.	Cartridge
33005	1 Lb.	Can
33006	5 Lb.	Can
33016	35 Lb.	Pail
33024	120 Lb.	Keg
33029	400 Lb.	Drum

### LIMITED WARRANTY

Jet-Lube of Canada makes the Limited Express Warranty that at the date of delivery, this product shall be free from defects in Jet-Lube of Canada Ltd. materials and workmanship.

This Limited Express Warranty is expressly in lieu of any other express or implied warranties, including any implied warranty of merchantability or fitness for a particular purpose, and of any other obligation on the part of Jet-Lube of Canada Ltd.

The sole remedy for breach of the Limited Express Warranty shall be the refund of the purchase price. All other liability is negated and disclaimed, and Jet-Lube of Canada Ltd. shall not be liable for incidental or consequential damages.