



PRODUCT DATA SHEET



MOLYLUBE[®] SYNTHETIC EXTREME PRESSURE GREASE

Molyube Synthetic Extreme Pressure Grease, commonly known as Molyube PA Grease, is a synthetic based, aluminum complex grease fortified with molybdenum disulfide, or moly, and graphite, and Extreme Pressure and anti-wear additives. **Molyube Synthetic Extreme Pressure Grease** also contains rust and corrosion inhibitors to provide protection in harsh, wet environments. The synthetic hydrocarbon base fluid utilized in **Molyube Synthetic Extreme Pressure Grease** makes it extremely versatile; it can be used to temperatures as low as -40°C (-40°F) in a centralized lubrication system. The synthetic base fluid utilized in **Molyube Synthetic Extreme Pressure Grease** provides excellent lubricity and oxidation stability to increase lubrication cycles, making it superior to general purpose mineral oil based greases.

Applications

- Anti-friction bearings
- Low- and high speed journal bearings
- Automatic lubrication systems

Features and Benefits

◆ Aluminum complex thickener	Virtually waterproof. Mechanical and thermal stability for superior retention properties.
◆ Synthetic PAO base fluid	Useful to -40°C (-40°F). Excellent oxidation resistance.
◆ Rust and corrosion inhibited	Protects equipment in wet, harsh environments.
◆ Extreme Pressure and anti-wear properties	Maximizes component life helping to reduce replacement part costs and lost production time.
◆ Extreme pressure properties	Resists shock loads.

General Description

Molyube Synthetic Extreme Pressure Grease is a synthetic based, aluminum complex grease with moly and graphite lubricating solids, Extreme Pressure and anti-wear additives and rust and corrosion inhibitors. **Molyube Synthetic Extreme Pressure Grease** is pumpable through a centralized lubrication system to temperatures as low as -40°C (-40°F).

Product No. 69090, 69100

MOLYLUBE® SYNTHETIC EXTREME PRESSURE GREASE

TYPICAL PROPERTIES

<i>Product No.</i>	<u>69090</u>	<u>69100</u>
NLGI Grade	1	2
Penetration, worked (60 strokes), ASTM D217 mm/10	325	280
Thickener Type	Aluminum Complex	Aluminum Complex
Base Fluid Type	PAO	PAO
Viscosity (Base Fluid), ASTM D445 @ 40°C, cSt	99	99
@ 100°C, cSt	13.8	13.8
Viscosity (Base Fluid), ASTM D2161 @ 100°F, SUS	512	512
@ 210°F, SUS	73.4	73.4
Dropping Point, ASTM D2265 °C	>260	>260
(°F)	(>500)	(>500)
Copper Strip Corrosion, ASTM D4048 24 hrs @ 100°C, rating	2e	2e
Lubricating Solids Type	Molyube Solids	Molyube Solids
4-Ball EP Test, ASTM D2783 Weld Load, kg	500	500
Load Wear Index, kg	68	68
Rust Protection, ASTM D1743, rating	Pass	Pass
Useful Temperature Range °C	-40 to 204	-40 to 204
(°F)	(-40 to 400)	(-40 to 400)
Color	Dark Gray	Dark Gray