



PTT MOLY-PLEX GREASE

Lithium Complex Grease with Molybdenum for Sugar Mill

Description

- *PTT Moly-Plex SMR Grease NLGI 1.5* : is a high quality lithium complex grease, containing special additives and Molybdenum Disulfide (MoS_2) that allow the grease to have high temperature capability, good tackiness, and high load capability. In addition to its extreme pressure (EP) property, PTT Moly-Plex SMR Grease also provides excellent lubrication with friction reduction. It is designed to handle the severe- and hostile-lubrication industry such as sugar mills.

Special Properties

- Excellent lubricating film, together with superior EP and high-temperature characteristics
- Superior protection against rust and corrosion
- Good tackiness and wear protection under high load.
- Outstanding resistance to water, moisture, and acid washouts

Applications

- Recommended for uses in lubricating open gear, journal bearing, and machine parts where heavy load and resistance to water and acid washout are required.

Reference Standards

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Typical Values

	Test Method	
NLGI Consistency		1.5
Thickener Type		Lithium Complex + MoS_2
Color	Visual	Grey Black
Maximum Operating Temperature, °C		170
Normal Operating Temperature, °C		-10 to 170
Dropping Point, °C	ASTM D2265	259
Base Oil Viscosity @ 40°C, cSt	ASTM D445	2600
@ 100°C, cSt	ASTM D445	120
Copper Strip Corrosion, 24h, 100°C	ASTM D4048	1a
Water Washout, 79°C, wt%	ASTM 1264	4.8
4-Ball EP, Weld Load, Kg_f	ASTM D2596	800
Timken OK Load, lb_f	ASTM D2509	50

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