

# MOLY-PLEX GREASE

NLGI 2

## Product Description

High quality multi-purpose lithium complex greases, containing special additives and Molybdenum Disulfide (MoS<sub>2</sub>) which provide good lubrication and reduce friction, produced from lithium complex soap grease.

## Benefits

- Good EP and anti-wear properties.
- Good thermal and oxidation stability.
- Excellent rust and corrosion protection.
- Prevent dust and dirt from reaching into the moving parts.
- Good water resistance.

## Applications

- Recommend for use in heavy duty vehicles and industrial applications in conditions of high load and temperature.
- Suitable for lubricating in both wheel bearings and rolling bearings.
- Can be used to lubricate parts of industrial equipment.

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## Typical Characteristics

Tests	Methods	Units	Results
NLGI Consistency			2
Thickener Type			Lithium Complex + MoS <sub>2</sub>
Color	Visual		Gray Black
Maximum Operating Temperature		°C	180
Normal Operating Temperature		°C	160
Dropping Point	ASTM D 2265	°C	273
Base Oil Viscosity at 40°C	ASTM D 445	cSt	472
Base Oil Viscosity at 100°C	ASTM D 445	cSt	31.2
Copper Strip Corrosion, 24h, 100°C	ASTM D 4048		1a
Worked Penetration at 25°C, 1/10 mm	ASTM D 217		285
4-Ball EP, Weld Load	ASTM D 2596	Kg <sub>f</sub>	500
Timken OK Load	ASTM D 2509	lb <sub>f</sub>	45

## Performance Standards

- NLGI

## Health and Safety

This product shows no significant health or safety hazard when used under the recommended applications and suitable handling.

Avoid the direct contact. Wash immediately after contact. Health and safety information is available on the Safety Data Sheet (SDS) which can be obtained from <http://pttlubricants.pttor.com>

**PTT LUBE SOLUTIONS** Professional Lubricant Service Partner



The product can cause some skin irritation and has flash point higher than 93.4°C

Note: Data and information contained in this publication are based on standard test under laboratory conditions and/or performance test. To consider the use of PTT Lubricants' products in particular application, customer is responsible for determining whether product and information are appropriate for customer conditions or should consult with PTT Lubricants' technical service division. The procedure of using any lubricant may differ or change depended on different machines and their manuals. Therefore, we recommend to read, understand and review the latest SDS in order to ensure the use of product is accomplished safety.

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