

# MP GREASE

NLGI 2, 3

## Product Description

High quality multipurpose greases produced from mineral base oils, lithium thickener and oxidation and corrosion inhibitors for use in automotive and industrial applications where EP greases are not required.

## Benefits

- Resistance to water wash out, retain grease in place in wet environments.
- Protect metal surface from rust and corrosion in moist environments.
- Prevent dust and dirt from reaching into the moving parts.
- Good oxidation and thermal stability.

## Applications

- Recommend for use in automotive and industrial applications such as wheel bearings, shaft joints, ball joints, water pump bearings.
- Can be used with normal operating temperature up to 120°C

*The Moving Innovation* 

# MP GREASE

NLGI 2, 3

## Typical Characteristics

Tests	Methods	Units	Results	Results
NLGI Consistency			2	3
Thickener Type			Lithium	Lithium
Color	Visual		Amber	Amber
Maximum Operating Temperature		°C	130	130
Normal Operating Temperature		°C	120	120
Worked Penetration at 25°C, 1/10 mm	ASTM D 217		269	226
Dropping Point	ASTM D 2265	°C	220	211
Base Oil Viscosity at 40°C	ASTM D 445	cSt	173	173
Base Oil Viscosity at 100°C	ASTM D 445	cSt	15.8	15.8
Copper Strip Corrosion, 24h, 100°C	ASTM D 4048		1a	1a
Water Washout at 79°C	ASTM D 1264	%wt	2.5	2
4-Ball Wear	ASTM D 2266	mm	0.5	0.53
4-Ball EP, Weld Load	ASTM D 2596	Kg <sub>f</sub>	200	200

## 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>



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.

The Moving Innovation 