

EP GREASE

NLGI 0, 1, 2, 3

Product Description

High quality EP greases for industrial and automotive applications. EP GREASE contain mineral base oil, lithium soap, EP (Extreme Pressure) additive, rust and oxidation inhibitors which provide good lubrication and protection.

Benefits

- Protect against wear under high load and good tolerance to heat and water.
- Provides superb rust and corrosion protection.
- Prevents dust and dirt from reaching into the moving parts.
- High dropping point and good thermal stability.

Applications

- Recommend for use in heavy duty motor vehicles and industrial applications such as wheel bearings, plain and rolling bearings.
- Suitable for use in construction equipment bearings.
- Able to use with normal operating temperature up to 130°C

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Typical Characteristics

Tests	Methods	Units	Results			
NLGI Consistency			0	1	2	3
Thickener Type			Lithium	Lithium	Lithium	Lithium
Color	Visual		Amber	Amber	Amber	Amber
Maximum Operating Temperature		°C	130	130	130	130
Normal Operating Temperature		°C	120	120	120	120
Worked Penetration at 25°C, 1/10 mm	ASTM D 217		364	324	277	234
Dropping Point	ASTM D 2265	°C	203	208	204	207
Base Oil Viscosity at 40°C	ASTM D 445	cSt	176	176	176	176
Base Oil Viscosity at 100°C	ASTM D 445	cSt	16	16	16	16
Copper Strip Corrosion, 24h, 100°C	ASTM D 4048		1a	1a	1a	1a
Water Washout at 79°C	ASTM D 1264	%wt	-	4.6	2.5	2
4-Ball Wear	ASTM D 2266	mm	0.45	0.45	0.48	0.49
4-Ball EP, Weld Load	ASTM D 2596	Kg _f	250	250	250	250
Timken OK Load	ASTM D 2509	lb _f	45	45	45	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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