

Product Data Sheet

PT Maxnitron Lithium Grease EP

Premium Lithium Grease with Extreme Pressure

PT Maxnitron Lithium Grease EP is a high quality multipurpose Lithium Hydroxyl-Stearate grease specially formulated with base oils, Lithium soap and contains lead free extreme pressure additive to provide excellent performance for a heavy duty and shock load application and also to provide extra protection against wear, rust, corrosion and high temperature oxidation for general purpose automotive and industrial applications at high temperature and high loads.

Customer Benefits

- **Excellent Wear and Corrosion Protection**

PT Maxnitron Lithium Grease EP provide high lubricity and reduce friction effectively in order to protect against wear and corrosion under high load and extreme pressure working condition.

- **Comprehensive Application**

Able to use for automotive and industrial application such as chassis components, wheel bearings, clutch bearings, universal joints and ball joints of steering and suspension system of passenger cars, trucks, farm tractors and mobile equipment.

- **High Water Resistance and Mechanical & Chemical Stability**

Good resist to water wash-out, mechanical failure cause included oxidation from heat and more severe conditions.

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Performance Standards

- NLGI 2 for EP2
- NLGI 3 for EP3

Applications

- Automotive and industrial application e.g. chassis components, wheel bearings, clutch bearings, universal joints and ball joints of steering and suspension system of passenger cars, trucks, farm tractors and mobile equipment.
- Construction machinery and bearings
- Earthmoving, quarrying and mining
- Heavy duty plain and rolling element bearings
- Able to use with maximum operating temperature during -15°C to +130°C

Typical Characteristics

NLGI Grade	EP 2	EP 3
NLGI Grade	2	3
Soap Type	Lithium	Lithium
Appearance	Yellow	Yellow
Viscosity @ 40 C (cSt.)	150	150
Viscosity @ 100 C (cSt.)	12	12
Unworked Penetration @ 25°C	287	241
Worked Penetration @ 25°C	283	239
Dropping Point (°C)	183	183
Copper Corrosion @ 100°C / 24 Hrs.	1B	1B
Four-Ball Weld Load (Kgf)	250	250
Four-Ball Wear Scar (mm)	0.6	0.6
Timken OK Load (lbs)	40	40

*Above properties are only standard specification for current manufacturing which could be adjusted for each production batch. It caused to be different for each batches. However it still be acceptable in term of the PT Maxnitron's quality.

Remark: For all of PT Maxnitron Lithium Grease EP utilization, it was our recommendation to be considered depending on machine operation manual as machine maker specified.