



PRODUCT DATA SHEET

NP MULTIPURPOSE EP GREASES

GENERAL

NP Multipurpose EP Greases are premium quality lithium soap, Extreme Pressure (EP) greases. They are formulated from highly refined base oils and incorporate Corrosion inhibitors, Oxidation inhibitors, Anti-wear additives and non-lead Extreme Pressure agents.

Their multipurpose properties facilitate use in a wide variety of industrial and automotive applications, operating under severe load conditions, elevated temperatures and exposure to moisture.

NP Multipurpose EP Greases also has the additional advantage of a tackifier, which allows use in applications where ordinary grease will not remain in contact with, parts.

PRODUCT APPLICATIONS

| REQUIREMENTS | EP 0 | EP 1 | EP 2 | EP 3 |
|---|------|------|------|------|
| Centralized Lubrication Systems | ●●● | ●●● | ●●● | |
| Semi Solid Lubricant | ●●● | | | |
| Automotive Bearings & Chassis (Except Universal Joints) | | | ●●● | ●●● |
| Humid Environments | | | ●●● | ●●● |
| Severely Wet Environments | | | | |
| Bearings at rated speed (-15 to 70 deg. C) | | | ●●● | ●●● |
| Bearings at 75% rated speed (-15 to 90 deg. C) | | | ●●● | ●●● |
| Vertically Mounted Bearings | | | | ●●● |



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KEY BENEFITS

NP Multipurpose EP Greases are formulated to provide:

- Good mechanical and oxidation stability.
- Good rust protection.
- Resistance to water wash out.
- Protection against wear.
- Compatibility with seals.

TYPICAL PROPERTIES

| | TEST METHOD | EP 0 | EP 1 | EP 2 | EP 3 |
|---|-------------|--------------|--------------|--------------|--------------|
| Soap Base | - | Lithium | Lithium | Lithium | Lithium |
| NLGI Grade | - | 0 | 1 | 2 | 3 |
| Worked Penetration (1/10 mm) | ASTM D217 | 355 - 385 | 310 - 340 | 265 - 295 | 220 - 250 |
| Dropping Point, °C | ASTM D566 | 190 | 190 | 190 | 190 |
| Timken, OK Load, lbs. | ASTM D2509 | 50 | 50 | 50 | 50 |
| Colour | - | Golden Brown | Golden Brown | Golden Brown | Golden Brown |
| Max. useable temp, °C (Continuous Service) | - | 135 | 135 | 135 | 135 |

HEALTH AND SAFETY

NP Multipurpose EP Greases are unlikely to pose any health or safety hazards when used in the recommended applications, provided good standards of personal and industrial hygiene are observed. Please refer to Material data Sheet (MSDS) for further information.

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