

TECHNICAL PRODUCT INFORMATION

LEX'S® High Speed Roller Bearing Grease

Product Description:

LEX'S HIGH SPEED ROLLER BEARING EP2 is a superior grease made with high quality base oil, lithium soap and non-abrasive basic oxides. EP anti-wear additives provide additional protection and long bearing life. It has excellent pumpability characteristics, good shear stability and does not harden or soften readily under moderately high temperature.

Typical Uses:

- Recommended for High speed bearings in automobiles, Rolling Mills, Construction Machinery, Spinning and Grinding spindles.
- This grease is ideal for High/Low temperatures, High/Low speeds, High Loads, Low friction, Vibratory stress etc.
- Recommended for all types of Ball Bearings and Roller Bearings.

Features:

- Outstanding wide temperature range grease.
- Unequalled water washout resistance.
- Excellent shock load-carrying ability.
- Rust and corrosion inhibited to protect metal surfaces.
- Extreme pressure protection – ~2000 weld load (4 ball test)
- Dropping point - 182°C.
- Excellent grease for most High speed ball bearings and roller bearings.

Typical Properties:

| GRADE NLGI | 2 |
|---|-----------------|
| Penetration @ 77°F. (ASTM WORKED) | 280 |
| Dropping Point °C | 182 |
| Base Oil Viscosity: | |
| cSt @ 40°C | 119 |
| cSt @ 100°C | 10.0 |
| 4 Ball Weld Type | ~2000 |
| Soap Type | Lithium |
| Base Oil | Mineral + Ester |
| Colour | Dark Brown |
| Temperature Range °C | -40 to 150 |
| Pressure Drop after 100h at 99 (DIN 51808), kPa | <40 |
| Water Resistance (DIN51807-1) | 1-90 |

| Speed Range: | Unit | Ball Bearings & Cylindrical Roller Bearings | Other Roller Bearings (*) |
|------------------|----------|---|---------------------------|
| Speed Limit n*dm | [mm/min] | 800,000 | 350,000 |

(*) Not for cylindrical roller thrust bearings and spherical roller thrust bearings

VALUES SHOWN HERE ARE TYPICAL AND MAY VARY.