



PROTECTOR LITHIUM MOLYB R2 V150

Description

An extreme pressure lithium grease, made of oils with a high grade of refining. Contains special extreme pressure additives, which together with its molybdenum disulfide content, give it excellent anti-wear properties as well as a great capacity to perform at high temperatures.

- Especially recommended in the lubrication of mechanisms exposed to slipping, very high charges and long periods of greasing.
- Greasing of journal bearings, hydraulic hammer bearings, open gears, and spare wheels.
- Very severe uses, such as rolling-mills.
- Field of application from -20 °C to 120 °C.

Properties

- The contribution of molybdenum disulfide, small, carefully selected particle, provides additional safety for those points in which there are difficulties in greasing or in which extreme conditions may occur while the equipment is in operation.
- Excellent extreme pressure characteristics.
- High mechanical resistance.
- Good protection against oxidation, corrosion and rust.

Quality levels, approvals and recommendations

- NEGRI BOSSI: ELEOS, eCANBIO JANUS Y VESTA series*
- DIN: 51825 KPF 2K-20

*Formal approval

Technical specifications

| | UNIT | METHOD | VALUE |
|--|---------|------------|---------|
| Colour | - | Visual | Black |
| Consistency | NLGI | | 2 |
| Type of thickener | | | Lithium |
| Base oil viscosity at 40 °C | cSt | ASTM D445 | 150 |
| Penetration, 25 °C, 60 strikes worked | 1/10 mm | ASTM D217 | 270 |
| Penetration, 25 °C, 100.000 strikes worked | 1/10 mm | ASTM D217 | 284 |
| Dropping point | °C | ASTM D566 | 185 |
| Corrosion Cu, 24h 100 °C | - | ASTM D4048 | 1a |
| 4 Ball wear, print diameter (1 min/80 kg) | mm | IP 239 | 0.4 |
| 4 Ball EP, welding load | kg | IP 239 | 280 |
| Timken machine load test OK | lb | ASTM D2509 | 55 |

The above mentioned characteristics are typical values and should not be considered product specifications.