

LITEN EP-0

GENERAL FEATURES:

LITEN ® EP plastic greases are manufactured basing on refined mineral oil with the viscosity about 150 mm² at 40 ° C, lithium soaps of 12- hydroxylstearin acid and a set of additives increasing their lubricating, antioxidative and anticorrosive properties.

APPLICATION:

LITEN ® EP plastic greases are intended to lubricate rolling bearings exposed to high loads and for less loaded bearings which, however, are exposed to impact loads.

Grease range of application: from -20 ° C to +120 ° C even in contact with water.

Limit working temperatures may however be higher or lower depending on the bearing type and required lubrication periods.

- LITEN EP-0 is intended to lubricate bearings of central lubricated devices working in low temperatures (-20 to +120 ° C) and requiring forcing through of grease to long distances,
- Liten EP-1 is designed for lubrication of bearings of central lubricated devices working in moderate ambient temperatures and requiring forcing through of grease to long distances,
- Liten EP-2 is designed for lubrication of bearings of both central and individually lubricated devices working in high ambient temperatures and requiring forcing through of grease to short distances,
- Liten EP-3 is designed for lubrication of bearings of individually lubricated devices.

STANDARDS, APPROVALS. SPECIFICATION:

DIN 51 502: KP0G-20

ISO 6743-9: BCHB-0

PHYSICAL AND CHEMICAL PROPERTIES:

| Parameters | Unit | Typical values |
|---|--------------------|----------------|
| NLGI class | | 0 |
| Worked penetration at 25°C | mm/10 | 378 |
| Penetration at - 20°C | mm/10 | 195 |
| Dropping point | °C | 190 |
| Structural stability oil separation from grease (m/m) | % | - |
| Weld load | kG | 250 |
| Base oil viscosity | mm ² /s | 150 |
| at temperature 40°C | | |

Note: The above values of physical and chemical properties are typical values. Actual values are specified in quality certificates enclosed with each product lot.

VERSION:

1 / 2023.07.17

