



Description

High quality grease, formulated with highly refined mineral oil, thickened with complex lithium soap. It contains antioxidant, anti-corrosive, anti-wear and extreme pressure additives. Especially developed for the lubrication of the bushings of lorry and coach wheels.

- Grease lubricant for all kinds of bearings that work at low, medium or high temperatures.
- Lubrication for all kinds of rolling material boxes, bushings of lorry and coach wheels, electric brakes, train wheel boxes, public works, agricultural machinery, etc.
- Field of application from $-20\text{ }^{\circ}\text{C}$ to $140\text{ }^{\circ}\text{C}$, with temperature peaks up to $200\text{ }^{\circ}\text{C}$.

Properties

- Very good water resistance.
- Excellent anti-friction properties.
- High wear resistance.
- Excellent rust and corrosion protection.
- Good mechanical stability for high temperature applications.

Quality levels, approvals and recommendations

• CATERPILLAR MPGL

• DIN 51825 KP 3/2N-20

Technical specifications

| | UNIT | METHOD | VALUE |
|--|--------------------|-----------------|-----------------|
| Consistency | NLGI | | 3/2 |
| Colour | - | Visual | Yellow |
| Type of thickener | | | Complex lithium |
| Base oil viscosity at $40\text{ }^{\circ}\text{C}$ | cSt | ASTM D445 | 130 |
| 4 Ball EP, welding load | kg | IP 239 | 250 |
| 4 Ball wear, print diameter (1 min/80 kg) | mm | IP 239 | 0.37 |
| Corrosion Cu, 24h $100\text{ }^{\circ}\text{C}$ | - | ASTM D4048 | 1a |
| Dropping point | $^{\circ}\text{C}$ | METTLER FP-83HT | 290 |
| Emcor corrosion test | - | DIN 51802 | 0-0 |
| Life Performance ($160\text{ }^{\circ}\text{C}$) | h | ASTM D3527 | 100 |
| Penetration, $25\text{ }^{\circ}\text{C}$, 100.000 strikes worked | 1/10 mm | ASTM D217 | 265 |
| Penetration, $25\text{ }^{\circ}\text{C}$, 60 strikes worked | 1/10 mm | ASTM D217 | 245 |

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