

GREASE INNOVA COMPLEX MLB



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DESCRIPTION

INNOVA COMPLEX MLB is a lithium complex thickened lubricating grease based on a balanced mixture of mineral oils and molybdenum disulphide (MoS₂) that exhibits extreme pressure properties and forms a permanent lubricating film on metals. It performs very highly in a wide temperature range in wet and dusty operating environments. It is often used for the lubrication of inaccessible parts and where EP properties are required.

APPLICATIONS

INNOVA COMPLEX MLB is suitable for the lubrication of wheel bearings, steering system bearings and all chassis points, including ball joints and universal joints of both on-/off-highway equipment (i.e., trucks, tractors, cconstruction, mining and agricultural equipment). It can also be used in most heavy-duty industrial and marine applications subjected to hostile working environment and elevated operating temperatures.

CHARACTERISTICS-BENEFITS

| CHARACTERISTICS | BENEFITS | |
|--|--|--|
| Efficient lubrication to boundary friction conditions due to the enhancement with molybdenum disulphide. | Very effective anti-wear and extreme pressure protection contribute to reduced maintenance cost. | |
| Outstanding film strength and adhesive properties. | Protection against high and/or shock, oscillating loads. | |
| Good water resistance. | Good water resistance. Long lasting resistance against rust and corrosion. | |
| Stable and consistent under adverse service conditions. | Long service intervals at elevated temperatures. | |

PHYSICAL-CHEMICAL CHARACTERISTICS

| CYCLON INNOVA COMPLEX MLB | METHOD | |
|---|-------------|-----------------------|
| NLGI | | 2 |
| Color/Appearance | Visual | Black |
| Texture | Visual | Smooth |
| Thickener type | | Lithium complex |
| Base Oil | | Blend of mineral oils |
| Base oil viscosity @40°C, mm²/s | ASTM D445 | 460 |
| Dropping point, °C | ASTM D2265 | 260 |
| Worked penetration, mm/10 @25°C 60 strokes | ASTM D 217 | 265-295 |
| EP properties weld point, kgf | ASTM D 2596 | 315 |
| Wear preventive characteristics Scar diameter, mm | ASTM D 2266 | 0.5 |
| Copper strip corrosion | ASTM D 4048 | 1b |
| Operating temperatures, °C | | -20/+140 |

The abovementioned characteristics represent mean values.

DIN 51825 KPF2N-20; ISO 6743/9 L-X-BDHB2

SPECIFICATIONS

www.cyclon-lpc.com

2021 Cyclon Lubricants