



Technical data sheet

LITHIUM EP2 BROWN GREASE Multipurpose Grease

Description

Lithium based premium quality multipurpose grease for use in all anti-friction and plain bearings subjected to high shock load and vibration conditions. Can be used extensively for applications throughout industry and the automotive sector.

Features:

Excellent extreme pressure and anti-wear performance.

High degree of corrosion protection.

Multi-purpose grease particularly for heavy duty applications.

Applications:

This Lithium grease is highly recommended for all automotive use where a multipurpose grease is required for wheel bearings and chassis lubrication. This grease is particularly suited for the lubrication of construction and mining equipment such as bulldozers, scrapers, loading shovel and all off highway trucks where greased components are subjected to continuous heavy loads and shock loads.

This grease can be applied by gun or used in centralised systems, capable of pumping the appropriate NGLI grade.

As with all greases used for the first time, check compatibility with the grease applied previously and if necessary, purge prior to application. Likewise, as a rule, take care not to over-lubricate and apply the quantity of grease recommended by the manufacturer.

Performance Levels

DIN 51502 KP1N-20, KP2N-20, KP3N-20

ISO 6743-9 L-XBDHB1, L-XBDHB2, L-XBDHB3

Physical Characteristics

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|---|-----------------------------|
| NLGI Consistency | 2 |
| Appearance | Brown |
| Thickener | Lithium |
| Base Oil | Solvent refined mineral oil |
| Base Oil Viscosity @ 40°C (cSt) | 180 |
| Worked Penetration | 265 to 295 |
| Dropping Point (°C) | 185 |
| Oil Separation (%) | 5 max |
| Copper Corrosion | Pass |
| Resistance to Corrosion EMCOR | 0:0 |
| Water Washout @ 38°C (%) | 3 |
| Four Ball Weld Load (Kgs) | 315 |
| Timken OK load (lbs) | 50 |
| Oxidation Stability 100°C Pressure drop (psi) | 4 |
| Operating Temperature Range (°C) | -20 to +140 |

Part Nos. HLU0200-20, HLU0800-12, HLU0800-36

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