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PRODUCT DATA

LITHIUM COMPLEX HDX 2 EXTRA

HIGH PERFORMANCE MOLYBDENUM DISULPHIDE FORTIFIED GREASE

DESCRIPTION

A blue-black no 2 consistency lithium complex soap thickened product with a ISO 460 mineral base oil. Corrosion inhibitors and adhesion improver contribute to the products performance.

TYPICAL SPECIFICATIONS

TEST	RESULT
Colour	Black
NLGI	2
Worked Penetration	260 / 300
Density 20°C	0,916
Base Oil Viscosity at 40°C	460
Temperature	
Service Temperature °C	-23 to +140
Drop point °C min	>250
Load-carrying capacity, wear protection, service life	
Four ball tester	
Weld load Kg	480-500
Wear scar	0,5
Timken OK Load lb	40
Speed	
DN Value mm/min	200000
Resistance	
Water resistance, dynamic, 80°C	1
Oxidation resistance	
Pressure drop 100 h, 99°C bar	0,35
Corrosion protection	
SKF - Emcor method	
Degree of corrosion DIN 51802	0

COMPOSITION

- Corrosion inhibitor
- Solids
- Mineral oil with ester
- Lithium complex soap
- Adhesion improver
- EP additives

BENEFITS

High load-carrying capacity in shock loaded conditions. Owing to the presence of extreme pressure additives, and solid lubricants it improves wear protection. Very good adhesion strength. Suitable for long-term lubrication. Very good corrosion protection and water resistance. Excellent mechanical stability for extended service life.

APPLICATIONS:

Bearings: Heavy Duty Anti-friction, slow to medium speed.
 Plain
 Heavily loaded bearings.
 subjected to vibration and high temperature.
 Splines: Where there is a risk of fretting corrosion.
 Earth moving machines - pins and bushes.
 Mining machines including crusher and shaker screen bearings.
 Conveyor rollers, Cranes, Forklifts.
 Lubricating grease for highly loaded metal to metal combinations.
 Open Gears

PACKAGING

180Kg

18 Kg