

LUBCHEM HB 3102

Special high-temperature and long-term lubricating grease



Description

LUBCHEM HB 3102 is a special high-temperature lubricating grease based on a mineral base oil and polyurea thickener. This product has a wide service temperature range and can be applied in rolling bearing up to 180°C. If the lubricant is used in central lubrication systems, operating temperatures up to 200°C are possible.

LUBCHEM HB 3102 feature highly effective anti-wear properties and has a good load-carrying capability due to special EP additives. This grease is very adhesive and resistant to water both under static and dynamic load.

LUBCHEM HB 3102 is resistant to oxidation, extremely resistant to aging and provide reliable protection against corrosion.

Application

- Drive rollers in continuous casting plants (Slabs and billets)
- Conveyer rollers in continuous furnaces
- Main and roller bearings in Pellet-mills
- High temperature joint, sliding parts
- Extremely high requirements regarding operating temperature, scaling, water and ensuing corrosion

Application method

LUBCHEM HB 3102 can be applied by grease guns, brush or spatula. And also can be pumped through all common types of lubrication systems.

Storage

The minimum shelf life is approx. 36 months if the product is stored in its unopened original container in a dry, frost-free place.

Pack sizes

- 15kg Pail
- 180kg Drum

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- Good water resistance
- Good adhesion
- High-temperature lubricating grease
- High upper service temperature up to 180°C, with total loss lubrication in central lubrication systems up to 200°C
- Good corrosion protection
- High load-carrying capacity
- Excellent anti-corrosion properties
- Good sealing effect



Product Data Sheet

Test Item	Unit	Test Method	Test Result
Color	-	-	Beige
Thickener	-	-	Urea
Worked Penetration	0.1mm	ASTM D 217	285
Drop Point	°C	ASTM D 2265	280
Oil Separation (100°C/24h)	Wt.%	ASTM D 6184	2.4
Evaporation Loss (99°C/22h)	Wt.%	ASTM D 972	0.22
Copper Corrosion (100°C/24h)	grade	ASTM D 4048	1a
Oxidation Stability (99°C/100h)	Kg/Cm ²	ASTM D 942	0.22
Water washout (79°C/1hr)	Wt.%	ASTM D 1264	1.8