

HighLoad Li-1200

Heavy-duty adhesive grease for highly-loaded rolling bearings operating at low speeds

HighLoad Li-1200 this heavy-duty grease consists of highly viscous mineral hydrocarbon oil, special lithium soap and particularly effective EP/AW additives. It also contains solid lubricants (Molybdenum disulfide & Graphite) to ensure reliable operation under starved lubrication conditions. **HighLoad Li-1200** is resistant to ageing and protects reliably against corrosion.

Applications

HighLoad Li-1200 was developed for highly-loaded large rolling bearings running at low speeds as well as toothed gear systems such as industrial and rail traction gear couplings. Typical applications and requirements include: spherical roller bearings in roller presses, bowl mill crushers and rotary crushers in the mining and base materials industries. This grease is also suitable for the lubrication of pivoting bearings and plain bearings in the mining, cement and steel industry. Further applications are found in sugar and paper production as well as in marine and offshore technology.

Performance Features

- Extremely high pressure resistance
- Crashers
- High load capacity
- Excellent protection against wear
- Very good corrosion-preventive ability
- Good resistance to water
- Shock and vibration loads absorption

Technical Data: HighLoad Li-1200

Characteristics	Unit	Value	Test Method
Reference		KPF2N-15	DIN 51502
Color		black	
Texture		homogeneous	
Thickener		special lithium soap	
NLGI grade		2	DIN 51818
Kinematic viscosity of the base oil [40°C]	mm ² /s	Approx. 1200	DIN 51562
Kinematic viscosity of the base oil [100°C]	mm ² /s	Approx. 60	DIN 51562
High Temperature range	°C	+160	LLS 134
Low Temperature range	°C	-15	LLS 134
Drop point	°C	>= 250	DIN ISO 2176
Four Ball Test welding load	kgF	3000	DIN 51350-4
Four Ball Test wear [1400N, 1h]	mm	1.2	DIN 51350-5

Lubrication Solutions for Industry

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