



# CENTOPLEX GLP BH Series

Adding reliability to your daily operations

Is conventional lubricant hindering your effort of running the machines at increased efficiency and at reduced operating costs?

Is breakdowns in your machinery leading to loss of production and impacting your profits?

In majority of the cases, the reason for these can be attributed to insufficient lubrication. Conventional lubricants are not adequate to handle the modern day requirements. Keeping this in mind, Klüber Lubrication has developed a range of products under the CENTOPLEX GLP BH series that are ideal for substituting the conventional graphite and MoS<sub>2</sub> based greases to meet the increasing demands on the machines.

CENTOPLEX GLP BH series offers you the following benefits:

- Increased component life
- Reduced grease consumption
- Reduced maintenance time
- Better component protection
- Suitable for application with centralised lubrication system

For more information, please contact us at [sales@my.klueber.com](mailto:sales@my.klueber.com) or call us at +60 3 7803 4954

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**KLÜBER**  
LUBRICATION

## CENTOPLEX GLP BH Series

CENTOPLEX GLP BH Series are greases based on mineral oil and lithium-calcium soap thickener. They are additivated with MX technology to provide superior wear protection and extremely low friction value. This provides substantial benefit when compared to a conventional lithium based grease.

They are available in different viscosities and in different NLGI grades to suit your specific applications. CENTOPLEX GLP BH Series is available in CENTOPLEX GLP 100 BH range and CENTOPLEX GLP 200 BH range.

**CENTOPLEX GLP BH series** are long-life, multi-purpose greases suitable for substitution of conventional graphite and MoS<sub>2</sub> based greases. It provides much higher performance and can be used in applications where grease should not get washed out by water.

These greases can be used in lubrication of

- Roller bearing
- Plain bearing
- Motor bearing
- Conveyor bearing
- Wheel bearing
- Guide ways and
- Bearings in Plummer blocks

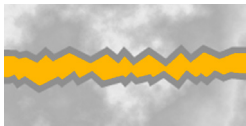
apart from other applications

### CENTOPLEX GLP BH series - Increased component life with MX technology

CENTOPLEX GLP BH series of greases increases the component life of new components and extends the life of old components because of its special MX additive technology.

The MX additive technology creates a pressure resistant additive layer which improves the load carrying capacity and protects the surfaces of components. The activation of additives is triggered by a chemical reaction that is caused due to the loads and temperatures generated in the contact areas of the lubricated parts. The process can be described in three phases.

#### Phase 1



The MX additives instantly deposit to the load carrying metal surface of the point of lubrication, forming there a pressure resistant lubricating protective layer.

#### Phase 2



The load carrying capacity of the surface improves with increasing pressure. Friction and wear are considerably reduced.

#### Phase 3



The MX technology supports and accelerates the plastic leveling of the metal surface. This structure change leads to a tribological surface finish with an extremely low friction value, a high wear protection and finally better load distribution on the surface.



#### Product Properties

- High adhesiveness
- Good water resistance
- Good oxidation resistance

#### Your benefits

##### Reduced grease consumption



CENTOPLEX GLP BH



Conventional greases

##### Reduced Maintenance Time



CENTOPLEX GLP BH



Conventional greases

##### Better Component Protection

- MX additives
- Presence of solid lubricant
- Superior corrosion protection

- Protection from shock loads
- Corrosion protection



CENTOPLEX GLP BH



Conventional greases

- Pumpable by Nature
- Available in different NLGI grades

##### Suitable for Centralised lubrication system



CENTOPLEX GLP BH

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