

Klüberplex HB 98-601 BH -602 BH

Innovative high temperature bearing grease



Benefits for your application

- Smooth flow of grease in high temperature applications owing to innovative chemistry
- Increase re-lubrication intervals due to excellent high temperature behavior
- Suitable for use in high load applications facilitated by integrated calcite particles
- Prolonged component life due to reliable re-lubrication based on the excellent pumpability

Your requirements – Our solution

As an operator of machine components subjected to high loads and high temperatures, one of the major challenge you face is the hardening of greases in the lubricant lines resulting in grease starvation of machine elements. The lubricants used in such applications should maintain their pumpability and special load carrying characteristics at high temperatures. The grease should reach all machine elements to improve the mechanical availability of the equipment thereby improving productivity.

The lubricant failures in such applications areas also poses health hazards to maintenance people who have to frequently inspect the machine elements under hazardous conditions. A good high temperature grease maintains its pumpability and does not harden during operation thereby ensuring that your machines run smoothly and reliably.

Klüberplex HB 98-601 BH and 602 BH are semi synthetic oil based high temperature greases with a high load carrying capability. These greases have excellent high temperature pumpability and has proven to retain its flow and not get hardened in continuous lubrication applications even under extreme temperatures of up to 250 °C.

Application

Klüberplex HB 98-601 BH and 602 BH can be used in rolling and plain bearings applications subjected to high temperatures and high loads functioning under low/medium speed and even high torque conditions.

Application notes

Klüberplex HB 98-601 BH and 602 BH can be used in central lubrication systems even when subjected to extreme temperatures. The grease can also be applied manually by grease gun, brush or spatula.

Minimum shelf life

The minimum shelf life is approximately 36 months if the product is stored in its unopened original container in a cool and dry place.

Material Safety Data Sheets

Material safety data sheets can be obtained through your contact person at Klüber Lubrication India Pvt Ltd.

Pack Size	Klüberplex HB 98-601 BH	Klüberplex HB 98-602 BH
Drum 180 Kg	+	+
Bucket 30 Kg	+	+
Bucket 5 kg	+	+



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Product data	Klüberplex HB 98-601 BH	Klüberplex HB 98-602 BH
Article Number	318204	318206
Base oil	Semi synthetic	Semi synthetic
Colour	Brown	Brown
Density at 20°C	Approx. 0.945 g/cm ³	Approx. 0.948 g/cm ³
NLGI grade, ASTM D 217	1	2
Worked Penetration @ 25°C, ASTM D 217	310 - 340, 0.1mm	265-295, 0.1mm
Kinematic viscosity of the base oil, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 40°C	approx. 600 mm ² /s	approx. 600 mm ² /s
Copper corrosion, ASTM D 4048, at 120°C for 24 hours	1	1
Drop point, ASTM D 2265	>= 300 °C	>= 300 °C
VKA Welding load	>= 2200 N	>= 2200 N
Water resistance static 90 °C -3h, DIN 51807 part 1	Rating 1	Rating 1
SKF EMCOR corrosion test, DIN 51805	Rating 1	Rating 1

Klüber Lubrication – your global specialist

Innovative tribological solutions are our passion. Through personal contact and consultation, we help our customers to be successful worldwide, in all industries and markets. With our ambitious technical concepts and experienced, competent staff we have been fulfilling increasingly demanding requirements by manufacturing efficient high-performance lubricants for more than 80 years.

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