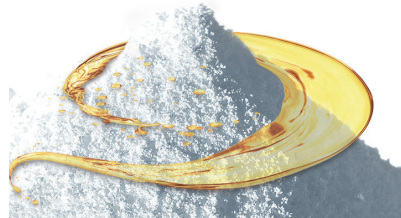


HeBoLub® O10

Boron Nitride Oil Dispersion

HeBoLub® O10 is a highly concentrated, stable oil dispersion of ultrafine hexagonal Boron Nitride particles in a high quality base oil. When added to lubricants, **HeBoLub® O10** helps to reduce friction and wear.



- Advantages**
- ▶ Reduces the friction and wear of engine and gearbox
 - ▶ Increases the service life and smooth operation of engines, gearboxes and other equipment
 - ▶ Higher efficiencies achieved through reduced energy consumption
 - ▶ Easy mixed with the vast majority of oils and oil-soluble lubricants
 - ▶ Finely dispersed Boron Nitrid particles minimise risk of filter blockage

- Properties**
- ▶ Excellent lubricating and sliding action resulting from the finely dispersed Boron Nitride powder
 - ▶ Excellent lubrication at low as well as high temperatures
 - ▶ Low creep and good surface wetting properties
 - ▶ High contact pressure resistance

- Typical Areas of Applications**
- ▶ Lubricant additive for engines, gearboxes, pumps and compressors
 - ▶ Lubricant additive for chain drives and conveyors
 - ▶ Lubricant additive for metal forming processes, grinding, stamping and wire/tube drawing processes
 - ▶ **Not suitable for:** Automatic gearboxes and fluid couplings

- Recommendations for Processing**
- ▶ We recommend that the user ensures that the dispersion is well mixed by stirring prior to adding to the lubricant
 - ▶ Heating the dispersion to around 50 – 60 °C reduces the viscosity of the oil base to facilitate better mixing

- Technical Data**
- ▶ Colour: Beige
 - ▶ Solid content (BN): 10 % (highly dispersive)
 - ▶ Density: ~ 0.91 g/cm³ at 25 °C
 - ▶ Flash point: 220 °C

- Packing Units**
- ▶ 1 kg in screw cap tin, 12 kg in hobbock and 180 kg in steel drum
Different packing units available on request.

Storage and Safety Requirements relating to safe storage are provided in the appropriate product health and safety data sheet – available on request.

The data quoted in this leaflet are typical for the material. They are intended as a guide only and should not be used in preparing detailed specifications. Actual product data may deviate from the figures given. We reserve the right to alter product data within the scope of technical progress and new developments. Since processing involves factors that are beyond our control, recommendations made in this leaflet should be checked by preliminary trials, especially for third party applications. These recommendations do not absolve the user from the obligation of investigating the possibility of infringement of third parties' rights and, if necessary, from clarifying the situation.