

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.