



Case Study - Animal Feed Pelletizer Lubricant

Application

IKV Lubricants has been a leader in the field of high performance lubricants for many years & has met the increasing demands for tribological products that meet the requirements of the industries OEM's.

Our customer required a lubricant for the main shaft bearings in animal feed granulators.



Application Requirement

- Good level of lubrication
- Excellent pumpability
- High load resistance
- High mechanical stability
- Good price : performance ratio



ABOUT IKV-TRIBOSTAR MCS 461/2

IKV-TRIBOSTAR MCS 461/2 is an NLGI grade 1/2 mineral oil grease with excellent anti-corrosion properties, high water resistance, very high load capacity & high mechanical working stability.

The drop point is $>270^{\circ}\text{C}$ & working temperature -15 to 160°C . It is formulated with a high drop point thickener provided with high resistance to tap and salt water together with vapour resistance.

IKV-TRIBOSTAR MCS 461/2 also provides superior lubricating capacity and offers protection against the wear of metal contact surfaces. It also offers excellent sealing capacity thereby preventing fluid contamination and penetration that might shorten the useful life of the mechanism.

IKV-TRIBOSTAR MCS 461/2 offers:-

- High drop point
- High anticorrosive capacity in sea water
- Superior resistance to cold and hot water
- High fluidity and adhesive properties.
- High mechanical stability

Other Applications Include

- Low speed bearings
- Protection of parts in salt water
- Horn and various mechanisms on vessels and boats.
- Bearings and mechanisms soaked in tap or seawater
- Chains and drives in corrosive salt water
- Animal feed pelletiser granulators