



## Product Information: **K383 ANTI-SEIZE COMPOUND**

### **Description:**

K383 is a lead free anti seize compound, made from high quality mineral oils, non-soap thickener incorporating copper powder and graphite. Anti-seize properties enable this grease to work even if the joints become so compressed that most of the compound is squeezed out, or excessive temperature flashes off the oily part of the compound. A fine film of copper particles always remain in joints or threads to prevent seizure.

### **Features:**

- Prevents seizure and galling during assembly and therefore reduces assembly time.
- Enables the easy dismantling of components subjected to high temperatures.
- Provides an effect anti-seize in saturated conditions, including chemical environments and salt water.
- Enables fast and easy dismantling of components, allowing them to be reused after dismantling.

### **Applications:**

The excellent anti seize properties of K383 make it ideal for lubricating brake linkages. The product is also recommended as a thread lubricant on studs, pipes, casings and whenever eventual disassembly must proceed smoothly. K383 can be used with confidence on the threads of pipes that carry very hot and corrosive liquids or gases, where it assists sealing and allows trouble free disassembly, including pipe fitting and valves in the chemical, petrochemical, gas and drilling industries. Apply sparingly by brush to the threaded components prior to assembly. For optimum performance, ensure that both the threaded surfaces are completely coated with K383.

As with all greases used for the first time, check compatibility with the grease applied previously and if necessary purge prior to application. Likewise, as a general rule, take care not to over-lubricate and apply the quantity of grease recommended by the manufacturer.

### **Performance Level:**

DIN 51502 K1/2R-30  
ISO 6743-9 L-XCGIA1/2

### **Physical Characteristics:**

Appearance	Bronze
NLGI Consistency	1/2
Thickener	Non-soap
Lubricating Solids Content (%)	18% (Copper and Graphite mixture)
Base Oil	Solvent refined mineral oil
Worked Penetration	280 to 320
Dropping Point (°C)	Non-melting
Salt Water Corrosion 20hrs @ 25°C on Sheet Steel	No Corrosion
Electrical Conductivity	Excellent
Coefficient of Friction (μ)	0.12
Operating Temperature Range (°C)	-30 to +1100

Part No.s: ASC075, ASC500, ASC003

(TDS K383 – 220715 Issue 6)

