

## Product Information: **K3 Calcium Grease**

### Description:

K3 is a premium quality, water resistant grease for use in industrial and marine applications where the presence of water and humid atmospheres can effect lubricating performance and be detrimental to the protection of parts from corrosion. K3 is further enhanced with a special additive which provides additional protection and lubrication in areas where excessive levels of water are prevalent such as water pumping equipment. K3 is suitable for plain and anti-friction bearings.

### Features

- Extremely high degree of water resistance.
- Excellent corrosion protection.
- Good sealing properties.

### Applications:

K3 is designed for use in all plain and rolling element bearings where an EP water resistant grease is required. It is recommended for use in water pumps, rolling mills, mines, quarries and marine equipment where salt or fresh water spray or ingress is unavoidable.

K3 as a CHUCK Grease provides exceptional lubricating properties and resistance to wash off by water based cutting fluids.

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

### Performance Level:

DIN 51502 KF3G-20

ISO 6743-9 L-XBCHA3

### Physical Characteristics:

Appearance	White grease
NLGI Consistency	3
Thickener	Calcium 12 hydroxystearate
Base Oil	Solvent refined mineral oil
Base Oil Viscosity @ 40°C (cSt)	110
Zinc Oxide Content (%)	5
Worked Penetration	220 to 350
Dropping point (°C)	140 minimum
Oil Separation (%)	3 maximum
Copper Corrosion	Pass
Resistance to Corrosion Emcor	0:0
Water Washout @ 38°C	2
@ 79°C	5
Operating temperature range (°C)	-20 to +110

Part No.s: CAL075

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