



## Product Information: **K323 PREMIUM BLUE GREASE**

### **Description:**

K323 is an extremely sophisticated lithium/calcium base grease which incorporates modern polymer technology. This advanced grease has a high level of water tolerance, mechanical stability and adherence. K323 has exceptional load carrying ability and will cope with constant high levels of loads and shock loading. Its wide application temperature range makes it ideal for a multitude of what are normally considered difficult applications, especially in both fresh and salt water saturated environments or where rubbing surfaces tend to remove ordinary grease coatings.

### **Features:**

- High degree of water resistance.
- Good corrosion resistance protects components operating in wet conditions.
- Excellent EP and anti-wear performance.

### **Applications:**

K323 is recommended for automotive, agricultural, industrial and marine applications where such items as high loads, water wash out and abrasive wear have been a recognised problem. K323 has proven itself in heavily loaded trailer bearings and provides continued protection in wheel 'lock up' situations under harsh braking, allowing for timely bearing inspection, and therefore reducing the likelihood of damage or failure in use. K323 is also ideal for vibratory bearings on compacting equipment and 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 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 KP2/3G-20  
ISO 6743-9 L-XBDHB2/3

### **Physical Characteristics:**

Appearance	Blue
NLGI Consistency	2/3
Thickener	Lithium/Calcium
Base Oil	Solvent refined mineral oil
Base Oil Viscosity @ 40 °C (cSt)	500
Worked Penetration	240 to 270
Dropping Point (°C)	180 min
Copper Corrosion	Pass
Water Washout @ 38 °C (%)	2
Operating Temperature Range (°C)	-20 to +145

Part No.s: PBG075, PBG400, PBG180, PBG050

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