

TECHNICAL PRODUCTS INFORMATION

PRODUCT NAME: CHEMICAL RESISTANT GREASE 2

This grease is designed as a chemically resistant high temperature grease, containing PTFE anti-wear and anti-oxidants and anti-corrosion agents to provide long term performance in chemically aggressive atmospheres. CHEMICAL RESISTANT GREASE 2 is resistant to a wide range of chemicals, oils and gases and is also non-toxic. Suitable for all plain and anti-friction bearings as well as sliding surfaces.

COST SAVING BENEFITS

1. Low evaporation of the base fluid at high temperatures extending lubrication intervals.
2. Greatly reduced formation of carbon deposits associated with many high temperature greases.
3. Good sealing properties protects components from corrosion.
4. PTFE solid lubricant improves anti-wear performance prolonging component life.
5. Does not effect most rubber types sealing materials.

METHOD OF APPLICATION

CHEMICAL RESISTANT GREASE 2 can be applied by hand, or by using a standard grease gun (400gm cartridges are available), or via a central lubricating system capable of pumping a No. 2 grease.

TYPICAL PHYSICAL CHARACTERISTICS

Appearance	White semi-translucent grease		
NLGI Classification	2		
Thickener	Silica		
Drop point (IP132)	None		
Base oil	Silicone		
Solid lubricant	PTFE		
Copper corrosion (IP112)	Negative		
Water washout (ASTM D1264) @ 38°C	< 2% max.		
Dynamic corrosion resistance (EMCOR) (IP220)	0:0		
Shell Four Ball (IP239)			
Weld load	180kg		
Mean Hertz Load	30kg		
dN factor	400,000		
Operating temperature range	-20°C to + 180°C		
Chemically resistant to :-	Hot and cold water	Refinery gases	40% Nitric acid
	Sulphur dioxide	Conc. Sulphuric acid (up to 45OC)	Natural gas
	Frigen 114	4% Caustic Soda	Liquid ammonia
		90% Glycol	Lubricating oils



BS EN ISO 9002: 1994
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