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SPECIFICATION SHEET

SILICONE GREASE

DESCRIPTION

Silicone Grease is compounded from Dimethyl Polysiloxane Fluid, the product has a broad temperature range and is chemically inert, being resistant to; Water (Hot, Cold, Steam & brine), Lubricating Oils, Most Hydrocarbons & Solvents, Natural Gas, Refinery Gases & Condensate and many Acidic Solutions.

Silicone Grease is a Thixotropic – i.e. the product softens and can become fluid when agitated, then returns to a Grease-like consistency – making it unsuitable for the Lubrication most bearings, as the action of the bearing may cause the Grease to soften and “run out”. For this reason the standard grade of Silicone Grease is supplied as NLGI 3, though other NLGI Grades are available.

APPLICATIONS:

Silicone Grease has been designed for the lubrication of Cylinder Slides, Taps, Valves & Stopcocks (where the presence of chemicals & solvents mean that conventional products can not be used.), the excellent dielectric properties of the Grease mean that the product can be used with high voltage electrical systems for lubricating non conducting contracts, preventing corona discharge and for preventing flashover on high voltage anodes.

TYPICAL PHYSICAL CHARACTERISTICS:

Appearance	Smooth Gel.
Colour	White Semi-Translucent.
NLGI Classification	3
Odour	Very Slight
Temperature Range	-40°C to over +200°C
Drop Point	None
Thickening Agent	Inorganic Thickener System
Flash Point	>300°C