

Greasil 4000

Silicone Grease

General Description

Greasil 4000 is a water repellent, non-melting silicone grease lubricant, with many outstanding properties. Greasil 4000 although not soluble in water based hydraulic fluids does not affect the fluid performance when used as a connector or assembling lubricant. Greasil 4000 has no effect on plastics, rubbers or metals, and remains essentially unaltered in UV and temperatures between -50°C (-58°F) and +280°C (536°F). Greasil 4000 is odorless, non-toxic and is an Environmental/User Friendly Product.

Applications:

Greasil 4000 is silicone grease developed to prevent seawater ingress into subsea systems, and as an aid to gaskets or to protect connectors. Greasil 4000 can be applied by swab to motion compensator rods, and when used sparingly Greasil 4000 will have a negligible effect on Oceanic fluids. In addition to preventing water from reaching the substrate, Greasil 4000 insulates metals from galvanic corrosion.

Other applications include the lubrication of instruments, “O”-ring and seals in pneumatics, compressed air systems, and to waterproof electric systems.



PHYSICAL PROPERTIES

Color	Gray/Translucent
Specific Gravity	1.04 ± 0.1
Recommended Temperature Range	-50°C (-58°F) to + 280°C (536°F)
Flash Point °C (°F)	> 300°C (>572°F)
Ignition Point	> 400°C (>752°F)
% Weight Loss	1.2 (24 hours at 150°C) (302°F)
Grease System	Inorganic
Dielectric Strength	Approx. 20 kv/mm
Toxicity	Non-toxic
Worked Penetration	230 - 260
<u>N.L.G.I.</u>	<u>No. 2</u>

Information given in this publication is based upon technical data gained in our own and other Laboratories and is believed to be true. However the material is used in conditions beyond our control thus we can assume no liability for results obtained or damages incurred through the application of the date presented herein.

Revised 1-24-06

