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Environmentally
Friendly & Non-Toxic.
Engineered & Made in the U.S.A.

Product Specification Sheet

Extreme Cold Arctic Lubricant / Sealant

Extreme Cold Arctic (EXC) is a synthetic material has a pumpable temperature range of -75° to 450° F and is for use as an extremely low temperature lubricant and sealant for gate, ball and plug valves. It is designed for use in valves carrying aliphatic hydrocarbon liquids and gases including fuel oils, natural gas, LPG, sweet or sour crude distillates, kerosene, water, condensate and dilute acids and caustics. It has excellent resistance to oxidation and is resistant to H₂S and CO₂.

Extreme Cold Arctic (EXC) is water insoluble and provides low torque operation in extremely cold operating conditions. This material is light brown in color and contains anti-galling additives and corrosion inhibitors to protect seat rings, springs and sealing surfaces.

DO NOT use this material in oxygen service. For Industrial use only.

Packaging

• Extreme Cold Arctic (EXC) is available in cartridges and all sizes of bulk containers.

Application Method

• Grease Gun or Automated Equipment
(Air, Air/Hydraulic, Hydraulic or Manual)

Physical Properties

- Temperature Range: -75° to 450° F
- Cone Penetration: 220 to 300
- Dropping Point in °F (ASTM D-566) None.
- Oil Separation % wt. Loss (ASTM D-1742) 5% max.
- Corrosive Inhibitor Imidazoline Derivative Added
- Diester Type (Extreme Pressure Resistant) Additives

Features

- Outstanding low temperature performance
- Water Insoluble & Washout Resistant
- Made of 100% Synthetic Materials
- Fully Additive Treated, fortified with anti-rust, anti-wear and corrosion inhibitors
- High Metal Adhesion
- Contains Inhibitors for H₂S and CO₂



The information and the recommendations made in this data sheet are based upon collected data and believed by us to be correct. However, no guarantee or warranty of any kind, expressed or implied is made herein with respect to the merchandise described; and we assume no responsibility for the results or the use thereof.

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