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

Product Specification Sheet

High Temperature Lubricant / Sealant

High Temperature (HT)

The premium Synthetic oils and inorganic thickeners make this material a high temperature, non-melting lubricant/sealant for valves in geothermal service, petroleum refineries and natural gas plants. It is formulated to resist aliphatic hydrocarbons, including gasoline, kerosene, propane, butane, natural gas, steam, hot oil, dilute acid and Caustic Solutions. High Temperature has an excellent anti-seize compound (molybdenum disulfide) and will protect threaded connections from galling and wear. This material converts to a dry film lubricant at elevated temperatures and will not harden.

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

Packaging

• DUALCO High Temperature is available in stick form and all sizes of bulk containers.

Physical Properties

- NLGI Consistency number = 2 to 6 (depending on stick or bulk form)
- Cone Penetration: (ASTM D-217) 200-230
- Color: Charcoal
- Texture: Smooth
- Consistency: Smooth to Tacky (depending on stick or bulk form)
- Dropping Point: ° F (ASTM D-566) None
- Oil Separation: % wt. Loss (ASTM D-1742) 5 max.
- Flash Point COC: 243° C, (470° F)
- Fire Point COC: 307° C (585° F)
- Density, lb./gal.: 7.85
- Evaporation Loss: 10 hrs. @ 210° F (ASTM D-972) 0.10%
- Temperature Range: -20° to 1000° F
- Base Oils: Proprietary Synthetics

Features

- 100% Synthetic Oils
- Contains Molybdenum disulfide (Moly)
- Non-Melting
- Non-Gumming
- Contains Premium Synthetic oils and inorganic thickeners
- Contains Oxidation and Corrosion Inhibitors
- Suitable for use in all hydrocarbon services
- Contains no perfumes, dyes, or heavy metals
- Non-Toxic, Non-Hazardous – Environmentally Friendly

Application Method

- Manual, Packing Injection Fitting, High Temperature Grease Gun or Automated Equipment (Air, Air/Hydraulic or Manual)



Made in the USA

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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