

Ultra High Temperature Grease



Features

- Excellent anti-wear protection to metal surfaces
- Highly water resistant
- Extremely stable
- NLGI: 2
- Food Processing Acceptability Rating: H2

Description

ULTRA-TEMP synthetic blend grease is a metallic silver combination of an olefinic copolymer anti-seize compound and a non-soap bentone grease. It is fortified with additives that will provide it with excellent lubricating properties, stability and anti-wear protection to metal surfaces. ULTRA-TEMP is made from mid-continent high viscosity solvent refined oil, an olefinic copolymer and is fortified with molybdenum disulfide (in sub-micron) and aluminum. It has a low gumming base and no dropping point so that it will not run out when heated. ULTRA-TEMP is a high temperature anti-friction bearing lubricant that functions in high-speed use up to 450°F, slow-speed use up to 750°F. From 750°F through 1100°F it functions as a dry-film lubricant for heavy load and slow-speed use, such as in slides or slow-revolution equipment, with the molybdenum preventing metal-to-metal contact and surface scuffing. When operated at high temperatures for prolonged time intervals, it will need to be reapplied more frequently than when used at lower temperatures. This product is appropriate for use as a lubricant with no food contact in official establishments operating under the Federal meat, poultry, shell egg grading, and egg products inspection programs. This compound may be used on equipment where there is no possible contact between edible products and lubricants or lubricated parts.

Applications

- Conveyors
- Bushings
- Turbines
- Bearings
- Burner assemblies
- Kiln cars
- Chains
- Shakers
- Gears
- Drives
- Furnaces
- Hand/motor operated valves

Directions

Pump in ULTRA-TEMP grease until old grease comes out. Reapply as needed.

Product Characteristics

Appearance	Metallic silver gel
Odor	Oil
Flash Point (method used)	>400°F (COC)
Specific Gravity (H2O=1)	0.8
Evaporation Rate (=1)	N/A
Solubility in water	Negligible
Boiling Point	N/A
Vapor Density (Air=1)	12
Vapor Pressure (non-aerosols)(mmHg&Temp)	<0.01
Vapor Pressure (psig@70°F)(aerosols)	N/A
% VOC by wt	1.0
ASTM Penetration (60 strokes)	265-295
ASTM Drop Point	(non-melt) +550°F
Storage	Avoid flames, sparks, and hot surfaces. Keep container closed.
Transportation information	
Class #	65
NFMC	155250

Health	1
Flammability	1
Reactivity	0
Personal Protection	B