



H & B Industries, INC
Dallas, Texas
(214) 350-1984

H & B Supply, INC.
Temple, Texas
(254) 985-2525

TECHNICAL DATA SHEET

HB-596 ULTRA-TEMP

Synthetic Blend Extreme Pressure Non-Melt Heavy Duty Grease

DESCRIPTION:

- Metallic silver combination of an olefinic copolymer anti-seize compound and a non-soap bentone grease.
- Fortified with additives that will provide it with excellent lubricating properties, stability and anti-wear protection to metal surfaces.
- Made from mid-continent high viscosity solvent refined oil and an olefinic copolymer and is fortified with molybdenum disulfide in sub-micron size, graphite and aluminum.

PERFORMANCE CHARACTERISTICS:

- Low-gumming base.
- No dropping point so that it will not run out when heated.
- Sticks to metal and lets the thin film of molybdenum disulfide, graphite and aluminum act as the lubricant at elevated temperatures.
- 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 2100°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 actually plating out to prevent metal-to-metal contact and surface scuffing.
- When operated at high temperatures for a prolonged time interval, will need to be reapplied more frequently than when used at lower temperatures.

USES:

Ultra-Temp has an extremely wide range of applications which include:

Conveyors	Kiln Cars
Bushings	Bearings
Gears	Chains
Drives	Shakers
Turbines	Hand/Motor Operated Valves
Furnaces	Burner Assemblies

Continued on the back...

TYPICAL SPECIFICATIONS:

ASTM Penetration (60 Strokes)	310-340
ASTM Drop Point Test	Non-melt
Water Resistance	Excellent
Color	Metallic Silver
Metal Content, % Wt	Min 12%
USDA Category	H2

SAFETY:

Label use directions should be followed carefully. OSHA Material Safety Data Sheet available.

CAS Numbers: Petroleum Distillate 8002-05-9, Polymers 9010-79-1, Rheological Thickener 68953=58=2; Aluminum 7429-90-5; Carbon 7440-44-0.

HMIS Rating: Health – 1; Reactivity – 0; Personal Protection - B