

## OMNITEMP® HIGH TEMPERATURE GREASE

Whitmore's Omnitemp® is specifically formulated to withstand the rigorous effects of high temperatures. Its non-melting base ensures that it remains in service when other greases would melt and/or run out. Omnitemp® offers unmatched protection when high temperatures are a prime consideration. This product is of benefit to industries involved in the production of paper, glass, brick and ceramics, as well as power generation, metal producing and processing,

While high temperatures will not cause Omnitemp® to melt out of the bearing, care should be taken to provide adequate relubrication. Inadequate replenishment will lead to drying and hardening.

Omnitemp® contains MoS2 (moly) and graphite. These solid lubricants have layered structures that protect metal under pressure, but also reduce frictional resistance as the layers slide easily over each other.

### BENEFITS:

- **OXIDATION INHIBITION** - fortified with antioxidants to resist hardening and thermal breakdown.
- **SEALS OUT DIRT AND CONTAMINANTS** - forms a protective barrier which reduces wear.
- **NON-DROP BASE** - will not melt and/or run out.
- **CONTAINS SOLID LUBRICANTS** - solid film lubricant plates out on metal surfaces to reduce metal-to-metal contact.
- **CORROSION INHIBITED** - protects against rust and corrosion.

### APPLICATIONS:

Omnitemp® is recommended for the lubrication of bearings, bushings and slides that operate at high temperature such as kiln car bearings, oven conveyor bearings, furnace fan bearings, paper mill dryers, corrugators, trunnion bearings, soot blowers, Lehr bearings, and other severe service applications. Highly recommended for hydraulic hammer lubrication.

ASTM #	Grade	TYPICAL CHARACTERISTICS	
		1	2
D-217	Cone Penetration (Worked)	310-340	265-295
D-2265	Dropping Point, °F (°C)	None	None
D-2270	Viscosity Index	101	101
D-445	Kinematic Viscosity cSt @ 40°C cSt @ 100°C	500	500
		32	32
D-2161	Saybolt Viscosity SUS @ 100°F SUS @ 210°F	2,625	2,625
		160	160
Gardner Method	Density, lb/gal @ 60°F (15.5°C)	7.50	7.50
	Specific Gravity, g/cc @ 60°F (15.5°C)	0.900	0.900
D-92	Flash Point, °F (°C) Cleveland Open Cup (Base Oils)	>580 (>304)	>580 (>304)
D-1743	Rust Test	Pass	Pass
	Thickener Type	Inorganic	Inorganic
OEM Standard	Low Temperature Pumpability Lincoln Ventmeter @ 400 psi, °F (°C)	0 (-18)	10 (-12)
	Appearance	Gray, Buttery	Gray, Buttery

The above are average values. Minor variations which do not affect product performance are to be expected in normal manufacturing.

### PACKAGING

Shuttle Tanks	Drums	Kegs	Pails	Cartridges 50 per case
---------------	-------	------	-------	---------------------------

For warranty information, scan the QR code.  
You can also email us at [sales@whitmores.com](mailto:sales@whitmores.com)  
Or write to the Sales Department at the address below.

930 Whitmore Drive • Rockwall, Texas 75087 • USA • (972) 771-1000 • 800-699-6318  
An ISO 9001 and ISO 14001 registered company • [www.whitmores.com](http://www.whitmores.com)

