



# THERMAL MOLY

**THERMAL MOLY** never melts - - even when subjected to high temperatures. Many products on the market that withstand high heat do not measure up to the extreme pressure qualities of **THERMAL MOLY**. Testing procedures confirm **THERMAL MOLY** passing a full 55 pound Timken OK Load Test . . . additional protection to help reduce down-time to a minimum.

Since **THERMAL MOLY** is a non-melting grease, it stays where you put it, preventing metal-to-metal contact during operation. Use of **THERMAL MOLY** helps eliminate galling, scoring or welding of bearing surfaces. Another benefit achieved by using **THERMAL MOLY** is the assurance of protection against moisture problems. tends to seal itself in the bearings, thus sealing out damaging dirt and moisture.

Ordinary grease (which is without "moly") is formulated to lubricate a specific piece of equipment in which it is used. Under certain conditions, however, the equipment load becomes such that no liquid or semi-fluid lubricant can maintain a film between the metal components. When this occurs, "moly" comes into play, keeping metal-to-metal contact to a minimum with a film of "moly" particles rubbing against each other. **THERMAL MOLY** contains 3% molybdenum disulfide.



### KEY BENEFITS

- NEVER MELTS
- EXTREME PRESSURE
- REDUCES COMSUMPTION
- RESISTS MOISTURE
- ADHESIVE & COHESIVE
- 3% MOLY



### KEY INDUSTRIES

- AGRICULTURE
- CONSTRUCTION
- QUARRIES/AGGREGATE
- POWER/WATER PLANTS
- EXCAVATING
- MANUFACTURING

# THERMAL MOLY



## SPECIFICATIONS

NLGI Grade	#1	#2
Consistency at 77° F., Worked 60 Strokes	310/340	265/295
Thickener Type	Inorganic Clay	Inorganic Clay
<b>Dropping Point, ° F.</b>	<b>NONE</b>	<b>NONE</b>
Copper corrosion, 24 hours at 212° F.	Negative	Negative
Ash, Wt. %, Maximum	3.2	3.2
Grease Color	Red	Red
Grease Texture	Smooth, Buttery	Smooth, Buttery
Additive Type	E.P.	E.P.
<b>Timken OK Load, pounds</b>	<b>55 Min.</b>	<b>55 Min.</b>
<b><u>CHARACTERISTICS OF BASE OIL IN GREASE</u></b>		
Pour Point, °F., Maximum	0	0
Flash Point, °F., COC, Minimum	500	500
Fire Point, °F., COC, Typical	560	560
Viscosity, SUS at 100° F., Typical	800/1000	800/1000
Viscosity, SUS at 210° F., Typical	78/88	78/88
Viscosity Index, Minimum	95	95

Handling Information: For safe handling of the product, read the Material Safety Data Sheet (MSDS).

