



MOLY HI-TEMP GREASE

- **"MOLY" PROVIDES ADDED PROTECTION**
- **NEVER MELTS**
- **REDUCES FRICTION**
- **REDUCES MOISTURE**
- **WITHSTANDS EXTREME PRESSURE**
- **VERSATILE**

MOLY HI-TEMP GREASE Provides Added Protection

Texas Refinery Corp.'s MOLY HI-TEMP contains one of the most effective dry film lubricating substances known to science . . . molybdenum disulfide. This material plays a vital part in making MOLY HI-TEMP one of the most effective greases on the international market today.

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. MOLY HI-TEMP contains 3% molybdenum disulfide.

MOLY HI-TEMP GREASE Never Melts

MOLY HI-TEMP never melts, as do many so-called high temperature greases. As temperatures become excessive, the oil in the outside layers of MOLY HI-TEMP tends to volatilize, leaving the



MOLY HI-TEMP never melts.

molybdenum disulfide to lubricate. Under conditions of high temperatures, periodic flushing with MOLY HI-TEMP helps keep bearings in "perfect health."

MOLY HI-TEMP GREASE Reduces Friction

All metal surfaces are rough, and actually have tiny hills and valleys when examined under great magnification. The "moly" in MOLY HI-TEMP builds up in the valleys and on the sides of the hills of a surface, providing dry film lubrication. Bearings coated with MOLY HI-TEMP become increasingly smooth. Moly is rubbing against moly, keeping metal parts apart. Friction is naturally reduced and wear to metal parts is kept at a minimum.

MOLY HI-TEMP GREASE Resists Moisture

Water can be a damaging culprit to any metal surface, causing rust and corrosion in a short amount of time. MOLY HI-TEMP is virtually unaffected by hot or cold water, thus providing protection against rusting and corrosion of metal parts. Water contamination will no longer relate to lubrication problems with MOLY HI-TEMP.

MOLY HI-TEMP GREASE Withstands Extreme Pressure

In addition to performing as a high temperature grease, MOLY HI-TEMP also withstands severe pressures. Many greases on the market which are resistant to high temperatures do not hold up when extreme pressures are exerted. MOLY HI-TEMP's 55 pound Timken OK Load Rating is exceptional compared to other high temperature greases. This is just another example of how MOLY HI-TEMP can reduce the high cost of downtime.

MOLY HI-TEMP GREASE Is Versatile

MOLY HI-TEMP is as versatile as it is practical. Representing the nearest approach to a universal grease, MOLY HI-TEMP lubricates under normal as well as severe temperatures. Whether heavy-duty equipment is starting, stopping or running at normal speed, it needs MOLY HI-TEMP - - engineered to never melt, to withstand severe pressures, and to help eliminate galling, scoring, and welding of bearing surfaces. MOLY HI-TEMP's matchless quality saves time, money and worry!

SPECIFICATIONS

MOLY HI-TEMP GREASE

Product Code #8160 - Case #8230 - 4-7 lb. Cans #8161

ASTM Method	Test Requirements	Results
	NLGI Grade	#2
D-217-52	Consistency at 77° F/25°C, Worked 60 Strokes	265/295
D-566	Dropping Point, °F/°C	NONE
D-130	Copper Corrosion 24 hrs. at 212° F.	1 b
	Color	Gray
	Texture	Buttery, Smooth
	Additive	E.P. & Molybdenum Disulfide
	Thickener Type	Inorganic
D-2509	Timken OK Load, Pounds/kg	55/25
	Unit Load, psi	16,150
Base Oil		
D-97	Pour Point, °F/°C, Maximum	0/-18
D-92	Flash Point, °F/°C, COC, Min.	500/260
D-92	Fire Point, °F/°C, Typical	560/293
D-446	Viscosity, SUS at 100° F., Typical	800/1000
D-446	Viscosity, SUS at 210° F., Typical	78/88
D-567	Viscosity Index, Minimum	95

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



CANADA

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