

M.V. THERMAL LUBE

DESCRIPTION

M. V. THERMAL LUBE is an extreme temperature grease type lubricant which contains no metallic solids nor silicon fluids. Compound reactive polymers maintain a stable viscosity over a wide range.

TYPICAL APPLICATION

Highly temperature applications to ball and roller bearings where other lubricants fail, due to gum and carbon deposit formation.

BENEFITS

- Constant operation temperature of 220° C with increases up to 320° C. for short periods of time.
- Will not melt, drip or run out, once base fluid is converted (See Notes)
- Excellent water wash characteristics, even when subjected to hot water, steam or mild detergents.
- Converted reactive polymers increase adhesive to hot metal, thereby ensuring positive lubrication at high temperatures.

NOTES

- At temperature above 150 deg. C the translucent ***M. V. THERMAL LUBE*** will transform into a golden colored resilient tacky compound.
- CHANGEOVER - if at all possible ***M. V. THERMAL LUBE*** should only be introduced into new or thoroughly cleaned bearings.

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M.V. THERMAL LUBE

TYPICAL PROPERTIES

NLGL Grade	2
Thickener	Synthetic Inorganic
Dropping Point	Nil (once base fluid has converted)
Base Fluid Viscosity	
cSt @ 25° C	1334
cSt @ 100° C	360
cSt @ 150° C	375*
cSt @ 220° C	280*
(*base fluid viscosity increases after conversion)	
Viscosity Index calculated	420
Water Spray off	
ASTM 4049 wt. % unconverted	5.6%
converted	below 1%
Timken OK Load	
unconverted	18kg
converted	22kg
Four Ball Weld	
unconverted	250kg
converted	315kg
F.A. P System	High Temperature

Subject to usual manufacturers tolerance Specifications as at September 2000