



MIGHTY LUBE SYSTEMATIC LUBRICATION, INC.

Fremont, Michigan

TECHNICAL DATA SHEET

TYPE H-3001 HIGH TEMP GREASE

MIGHTY LUBE TYPE H-3001 HIGH TEMP GREASE is an ester base grease designed for excellent performance over a wide temperature range. It has excellent mechanical stability with complete rust protection. It's exceptionally low volatility can be attributed to the high-boiling esters which form the base stock. Mighty Lube H-3001 has outstanding Extreme Pressure (EP) properties, typically 55 pounds on the Timken OK Load Test.

MIGHTY LUBE TYPE H-3001 HIGH TEMP GREASE has a No. 2 NLGI consistency with a smooth texture and a tan color. It is unique in that it utilizes a combination of thickeners to provide protection over a wide temperature range.

MIGHTY LUBE TYPE H-3001 HIGH TEMP GREASE is designed to perform at temperatures from 300deg F. to 565deg F. with excellent EP properties. MIGHTY LUBE TYPE H-3001 does not volatilize and dry out, nor soften and run out of the bearings at elevated temperatures.

TYPICAL SPECIFICATIONS:

Type of Soap	Sodium Complex
Dropping Point	>575 deg F.
Penetration worked 60 Strokes	265
Rust Prevention ASTM 1743	Pass
Timken OK Load Test	55 pounds.
Four Ball EP Test and Weld Load	882 pounds
Water Washout @ 100deg F.	Pass < 1%
Water Washout @ 175deg F.	Pass < 1%
Color	Light Tan

High Temperature Bearing	Temperature	Hours to Failure
Test @ 3400 RPM and 5kg	450deg F.	1100
(11 lb) load, utilizing an	500deg F.	427
MRC-TRW Grease Testing Unit.	565deg F.	40

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