



# MOLY HI-TEMPERATURE MULTI-PURPOSE GREASE

## DESCRIPTION

49 NORTH® MOLY HI-TEMPERATURE MULTI PURPOSE GREASE is a premium high temperature, extra tacky lithium complex grease, with 5% molybdenum disulphide and a dropping point of 280C (535F). It offers superior protection for a wide variety of applications where excellent performance is required including primarily heavy duty applications found in construction, logging, and mining equipment. It far exceeds the 3% moly requirement suggested by several OEM's including Caterpillar.

## QUALITIES

49 NORTH® MOLY HI-TEMPERATURE MULTI PURPOSE GREASE is a high performance, extended grease interval, compound formulated from quality base oils, selected additives and a high percentage of polymers designed to provide extreme pressure protection. 49 NORTH® MOLY HI-TEMPERATURE MULTI PURPOSE GREASE is engineered to resist water at wide ranging temperatures and to prevent grease from "pounding out" in high pressure and extreme shock load applications. Oxidation inhibitors reduce deposits and provide a long service life at elevated temperatures while the rust and corrosion inhibitors resist corrosive chemicals and salt water.

## APPLICATIONS

49 NORTH® MOLY HI-TEMPERATURE MULTI PURPOSE GREASE is an extremely versatile product that is successfully used to lubricate the heavy duty equipment used in construction, mining, sand and gravel plants, agriculture, logging and heavy hauling industries including; king pins, bucket pins, disc brake wheel bearings, conveyor bearings, U-joints and chassis points and/or wherever high pressures or high shock loads are encountered. 49 NORTH® MOLY HI-TEMPERATURE MULTI PURPOSE GREASE finds many industrial applications including those found in; pulp and paper mills, cement plants, metal working shops, power, chemical and plastic plants, food processing plants, sawmills, pellet mills, foundries, steel mills and waste water treatment facilities.

## TYPICAL PROPERTIES

NLGI Grade	2
Product Code	55352
Thickener Type	Lithium Complex
Texture	Smooth, Extra Tacky
Colour, Observed	Gray
Worked 60 Penetration (ASTM D 217)	280
Dropping Point (ASTM D-2265) °F (°C)	535 (280)
Rust Prevention (ASTM D-1743), Rating	Pass
Copper Corrosion (ASTM D-4048), Rating	Pass
Timken OK Load, lbs (ASTM D-2509)	60
Four-Ball Wear (ASTM D 2266) mm	0.45
Four-Ball EP Weld Point (ASTM D 2596) kgf	250
Base Oil Viscosity (ASTM D 445)	
cSt at 40° C	160
cSt at 100° C	12.4
Approximate Temperature Range °F (°C)	-10 to 325 (-23 to 163)

## Lubricants For All Reasons