

HD LC EP #2 5% MOS 2

GREASE
Technical Data Sheet

LUBRICATING GREASE

PRODUCT DESCRIPTION

HD LC EP #2 5% Moly 2 is a lubricating grease formulated to meet the extreme conditions encountered on off-highway construction equipment as well as heavy duty applications. This product is a lithium complex thickened grease blended with high viscosity base fluids for exceptional film strength and is fortified with molybdenum disulfide for additional load carrying capacity and anti-wear performance. In addition, HD LC EP #2 5% Moly 2 contains a unique blend of extreme pressure, anti-wear and rust and oxidation inhibitors as well as functional polymers for better adhesion in wet environments and better performance at higher temperatures. Because it is a lithium complex thickened grease, HD LC EP #2 5% Moly 2 has a high dropping point which also provides excellent protection in high temperature environments.

TYPICAL PROPERTIES

NLGI Grade		2
Color		Gray
Texture		Tacky
Thickener Type		Lithium Complex
Penetration	ASTM D 217	
Worked 60 Strokes		265-295
Wheel Bearing	ASTM D 1263-Modified	
Dropping Point	ASTM D 2265	500°F (260°C) min
4 Ball Wear Test, mm Scar Diameter	ASTM D 2266	0.75 max
4 Ball E.P. kg	ASTM D 2596	315
LWI	ASTM D 2596	45 min
Timken Load Carrying Test of Grease, lbs	ASTM D 2509	55
Rust Preventative Properties of Greases	ASTM D 1743	Pass
Copper Corrosion of Greases	ASTM D 4048	1b
Water Washout, 175°F (79°C), % loss	ASTM D 1264	5 max
Molybdenum Disulfide, Percentage		5.0 min
Base Fluid Type		Petroleum Mineral Oil
Base Oil Characteristics (listed without polymer)	ASTM D 445	
Viscosity @ 40°C, cSt		327-350
Viscosity @ 100°C, cSt		22-24.5
Viscosity @ 100°F, SUS		1,715-1,875
Viscosity @ 210°F, SUS		110-122
Viscosity index		80 min

PRODUCT NUMBER

LXM27040A0

HEALTH AND SAFETY

For health and safety guidance, please refer to the Chemtool SDS (Safety Data Sheets).



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