



500+ Moly Hi-Temp

Dyna-Plex 21C® 500+ Moly Hi-Temp grease is a lithium complex grease specially formulated for high load, high temperature and extreme pressure applications. It is enriched with molybdenum disulfide so it is long-lasting, decreases energy consumption, adheres to metal and reduces wear.

Dyna-Plex 21C 500+ Moly Hi-Temp grease features excellent heat reversing characteristics. It does not become fluid at elevated temperatures and returns to its original structure after cooling. In addition, this grease is resistant to water and will not soften or break down.

<u>PROPERTY</u>	<u>ASTM TEST METHOD</u>	<u>NLGI #1</u>	<u>NLGI #2</u>
Thickener Type		Lithium Complex	Lithium Complex
Texture		Tacky	Tacky
Color		Black	Black
Worked Penetration	D-217	315	270
Dropping Point, °C (°F), min.	D-2265	260 (500)	260 (500)
Timken OK Load, lbs.	D-2509	70	70
Rust Test	D-1743	Pass	Pass
Molybdenum Disulfide, %		5.0	5.0
Water Washout, 79°C, %	D-1264	5	3.5
Copper Corrosion, 24 hours @ 100°C	D-4048	1b	1b
Four Ball EP	D-2596		
Weld, kgs.		500	500
Load Wear Index		67	67
Four Ball Wear, scar dia, mm	D-2266	0.537	0.553
Base Oil/Additive Properties:			
Viscosity @ 40°C, cSt	D-445	322	322
Viscosity Index	D-2270	124	124