



MAXIPLEX and MOLY MAXIPLEX EP GREASE

TECHNICAL DATA

DESCRIPTION:

MAXIPLEX EP GREASE is the newest, state-of-the art, multi-purpose, extreme-pressure (EP) grease with a melting point of over 580⁰F. Due to the high melting point, retention is insured where high temperatures may occur. The outstanding resistance to change and consistency allows **MAXIPLEX EP GREASE** to maintain excellent mechanical stability.

MAXIPLEX EP GREASE is manufactured with special additives and an oil-soluble additive, thereby providing high film strength, anti-wear and EP protection. High quality, high VI base oils, combined with effective anti-oxidant additives, provide excellent resistance to high temperature oxidation. With the high melting point, this grease can be used at temperatures up to 580⁰F, on a temporary basis, without the loss of lubricating protection.

- Lubrication ability is retained over long periods of heavy use and does not harden in bearings
- Superior shear stability reduces leakage and forms a tough grease seal, preventing contaminants from reaching bearings
- Strong rust inhibitor package insures corrosive protection under wet conditions
- Lithium complex soap provides high resistance to softening or removal by water washout.

MOLY MAXIPLEX EP GREASE is available with a full 3% Molybdenum Disulfide (M₆S₂) additive, which meets chassis lubrication as specified by Caterpillar Tractor Company and Mack Truck.



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USES:

- Lubrication of heavy automotive and industrial equipment where heavy loads and wet conditions require grease to have high durable film strengths
- Machinery that encounters heavy shock and extreme normal loads
- Performs particularly well in difficult bearings, such as slow oscillating or reciprocating applications
- Recommended where long lubrication intervals are required, and many manufacturers of automotive and industrial equipment specify an EP grease
- Typical uses include wheel, roller, ball, friction, anti-friction and needle bearings; shackles, chassis, fifth wheels, springs, water pumps, bucket pins, ball and universal joints, open gears, king pins, pillow blocks and sliding surfaces.

NOTE: Different types of grease tend to be incompatible with others, to a greater or lesser degree, depending on their chemistry. Good lubrication practice dictates that when changing from one grease to another, excessive grease should be pumped through the bearings, for the first two or three applications, and lubricating intervals shortened.



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Specifications:

ITEM	ASTM ⁽¹⁾	
Soap Type	N/A	Lithium Complex/Calcium Sulfonate Complex Blend
NLGI ⁽²⁾ Grade	N/A	2
Texture	N/A	Smooth, tacky
Color	N/A	Blue / Black
Penetration: 77 ⁰ F, 60 Strokes	D-217	288
Rust Test Rating	D-1743	1, 1, 1
Oxidation: 100 hour, PSI loss	D-942	3
Oil Separation	D-1742	1.1
Dropping Point	D-1265	580 ⁰ F +
Four Ball: EP Weld Point	D-2596	620
EP LWI ⁽³⁾	D-2596	70.5
Wear Scar Diameter	D-2266	.40
Timken OK Load, Minimum	D-2509	70
Water: Washout @ 175 ⁰ F	D-1264	<.75%
Spray off	D-4049	<7%
Viscosity Index	D-2270	110
Viscosity without Polymer:		
SUS @ 100 ⁰ F	D-2161	800
cSt @ 40 ⁰ C	D-445	200
cSt @ 100 ⁰ C	D-445	19.4
Solid Lubricant	N/A	3% (M _o S ₂) ⁽⁴⁾

- (1) American Society for Testing and Materials (ASTM)
 (2) National Lubricating Grease Institute (NLGI)
 (3) Load Wear Index (LWI)
 (4) available in **MOLY MAXIPLEX EP GREASE** only



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ADMAX Performance Lubricants – A leader in lubricant technology