

Product Description

D-A MagnaPlex SM[™] is a 3% Synthetic Moly-fortified grease designed for excellent wear protection and friction reduction. MagnaPlex SM has superior shock load protection and provides effective control of metal corrosion. Its cohesive and adhesive properties provide tenacious clingability for continued lubrication protection. This results in reduced grease consumption, reduced labor costs, superior lubrication and less wear and tear on equipment.

D-A MagnaPlex SM is designed for extreme service applications where its adhesiveness, high dropping point and water resistance make it the choice for high-temperature or extremely wet applications.

The distinctive green color of MagnaPlex SM gives quick visual assurance that the grease is at the point of application, and helps to prevent over-greasing, especially in hard-to-reach lube areas.

Product Features and Benefits

Outstanding shear stability reduces grease consumption and provides longer equipment life in severe service applications.

High dropping point resists grease softening and run-out in high temperature applications.

Synthetic molybdenum additive provides wear control and reduces friction.

Rust and corrosion preventatives protect both ferrous and non-ferrous metals in damp or corrosive environments.

Excellent wear protection properties increase component life.

Unique polymeric additives provide excellent resistance to water washout.

Outstanding adhesive and cohesive properties provide continued lubrication in tough applications during longer service intervals.

PRODUCT AT A GLANCE

- Lithium Complex
- 3% Synthetic Moly
- Green Color
- Extreme Service
- Protection at elevated temperatures
- Extends grease service intervals



D-A Lubricant Company, Inc.

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Typical Applications

5th Wheel Applications
Automatic Lube Systems
Bucket Pins
Crusher Bearings
Drive Rollers
Fittings

Hydraulic Linkage Pins
Manual Cone Adjustments
Pin and Bushing Assemblies
Pivot Pins, Hitch Pins
Scraper Goose Necks
Shaker Screen Bearings

Slow Speed Ball and Roller Bearings
Track Rollers
Troughing Rollers and Idlers
Truck Kingpins
Trunnion Bearings

Typical Properties

	ASTM D217	#1	#2
NLGI Grade	Visual	Green	Green
Color			
Soap Type	ASTM D128	Lithium Complex	Lithium Complex
Penetration, Worked 60 @ 77° F	ASTM D217	310 - 340	265 - 295
Dropping (Melting) Point, ° C/F	ASTM D2265	260/500	260/500
Base Oil Viscosity @ 40° C	ASTM D445	150	150
Water Wash-Out, % Loss	ASTM D1264	5.6	3.5
Water Spray-Off, % Loss	ASTM D4049	20.0	13.0
Roll Stability, % Change	ASTM D1831	7.8	7.8
Wheel Bearing Leakage, % Loss	ASTM D4290	Nil	Nil
4-Ball Weld Load, kg	ASTM D2596	500	500
4-Ball Wear Scar Diameter, mm	ASTM D2266	0.5	0.5
Timken OK Load	ASTM D2509	55	55
U.S. Steel Mobility gm/min @ 77° F	USS LT-37	740	474
gm/min @ 20° F	USS LT-37	24	23
gm/min @ 0° F	USS LT-37	8	3.5
Bearing Rust Test	ASTM D1743	Pass	Pass
Copper Corrosion Test	ASTM D4048	1b	1b
Molybdenum (Synthetic), wt. %	ASTM D128	3.0	3.0
	Drum - 400 lb	12382	12392
	Quarter Drum - 120 lb	12386	12396
	Pail - 35 lb	12388	12398
	Cartridges - 43 lb	12387	12397

Typical Properties are typical of those obtained with normal production tolerance and do not constitute a specification. Variations that do not affect product performance are to be expected during normal manufacture. The information contained herein is subject to change without notice.

To Order D-A Products, Call 1-800-OIL-LUBE (1-800-645-5823) or Fax orders to 765-482-3065

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