

Product Description

D-A **MagnaPlex**™ is a multi-purpose lithium complex grease. Its unique additive system resists water wash-out making it an excellent choice for use in wet or humid environments. It resists softening in high temperature and extreme pressure applications as well. D-A **MagnaPlex**™ creates a slippery film barrier that remains in place due to a metal affinity and reduced polymer shear.

The D-A **MagnaPlex**™ additive system is non-corrosive to all types of bearing and gear metallurgy, even those containing bronze, brass and copper.

Product Features and Benefits

Special blend of additives limits wear and reduces friction in normal and severe machine service.

Affinity for metal surfaces increases with pressure producing a slippery physical barrier of protection.

Formulated to support the performance requirements of most OEM guidelines for severe service in pin and bushing sets, bearings, general chassis lubrication and more.

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

Excellent shear stability and bleed resistance protect against grease leakage and helps control lubrication costs.

Pumps easily from tubes and other types of containers, perfect for use in central lubrication systems or in all weather conditions.

Excellent shear stability and temperature stability provide dependable performance under changing working conditions.

Meets the performance requirements of NLGI GC/LB rating.

Typical Applications – Supports the Performance Requirements for use in:

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|---|-------------------------------|
| General Off-Highway Lubrication | Trucks |
| Wet or Humid Environment Applications | Fittings |
| Bearings | Scraper Goose Necks |
| Chassis Lubrication | Track Rollers |
| Pins and Bushings | Drive Rollers |
| European Manufactured Cranes and Concrete Pumps | Meets NLGI GC/LB Requirements |
| Heavy Duty Fleets | SAE J301 applications |
| Agricultural Equipment | Automotive Applications |
| Mining Applications | Refuse Applications |
| Industrial Applications | |

Typical Properties

| NLGI Grade | ASTM D217 | #1 | #2 |
|---|------------|-------------------------|-------------------------|
| Thickener Type | ASTM D128 | Lithium Complex | Lithium Complex |
| Color | Visual | Bluish Green | Bluish Green |
| Usable Operating Temperature Range, °F (°C) | | -22 to 400 (-30 to 205) | -22 to 400 (-30 to 205) |
| Worked Penetration @ 77°F | ASTM D217 | 310-340 | 265-295 |
| Base Oil Viscosity @ 40°C | ASTM D445 | 220 | 220 |
| Dropping Point, °F (°C) | ASTM D2265 | 500 (260) min | 500 (260) min |
| Four Ball EP, Weld Load kgf | ASTM D2596 | 500 | 500 |
| Four Ball Wear, Scar Dia., mm | ASTM D2266 | 0.60 max | 0.60 max |
| Load Wear Index | ASTM D2596 | 75 min | 75 min |
| Timken OK Load | ASTM D2509 | 60 | 60 |
| Water Wash-Out, % Loss | ASTM D1264 | 10 max | 5 max |
| Water Spray-Off, % Loss | ASTM D4049 | 45 | 25 |
| Copper Corrosion Test | ASTM D4048 | 1b | 1b |
| Bearing Rust Test | ASTM D1743 | Pass | Pass |
| U.S. Steel Mobility, gm/min @ 60°F | USS LT-37 | 275 | 175 |
| Molybdenum Disulfide, wt. % | ASTM D128 | Nil | Nil |

D-A Part Number:

| | | |
|----------------------|--------|--------|
| Bulk | 12711 | 12721 |
| Drum – 400 lb | 12712 | 12722 |
| Qtr Drum – 120 lb | 12716 | 12726 |
| Pail (Metal) – 35 lb | 12719 | 12729 |
| Cartridges – 43 lb | 12717T | 12727T |