



LIPLEX XD GREASE

(Premium Industrial Grease)

LIPLEX XD GREASE is a high performance extreme pressure lithium complex grease with a high base oil viscosity. The lithium complex thickener produces excellent water resistance and good consistency over a wider temperature range than lithium greases. The high-viscosity base oil in the **LIPLEX XD GREASE** gives extra wear protection that is enhanced by EP additives.

LIPLEX XD GREASE is well suited for use at elevated temperatures due to its high base oil viscosity. It may be used up to 325°F (163°C) and is ideal for applications where lubricants are subjected to hot water or steam. Below 32° F (0° C) a grease with a lower base oil viscosity should be used.

Polymers improve water resistance and adhesion making **LIPLEX XD GREASE** an excellent choice in areas where water impinges on bearings as in construction, mining, paper machines and marble cutting operation. **LIPLEX XD GREASE** resists water wash out and squeeze out that allows it to significantly extend relubrication intervals, reducing grease usage and labor.

LIPLEX XD GREASE contains extreme pressure and anti-wear additives, when coupled with the high viscosity base oils, produce a high load carrying ability and reduce wear.

LIPLEX XD grease is exceptionally high performance grease with a high degree of versatility. It is proven to reduce wear, extend equipment life, lower maintenance cost and reduce inventories. **LIPLEX XD GREASE** is compatible with most lithium-based greases, but

the best industry practice for changing greases is that systems should typically be purged to prevent a potential compatibility problem.

BENEFITS:

- RESISTANCE TO POUNDING - OUT UNDER PRESSURE
- CAPABLE OF WITHSTANDING HEAVY SHOCK LOADS
- EXCELLENT WATER WASHOUT RESISTANCE
- EXTENDED REGREASING INTERVALS

APPLICATIONS:

LIPLEX XD GREASE can be used at a wide range of temperatures. Its viscous consistency not only serves to resist impact and wash out, but also creates a protective "collar" to keep out dust, dirt and other contaminants.

LIPLEX XD GREASE is recommended for a multitude of applications where water washout or "pounding out" causes frequent re-greasing. It is ideal for many industrial applications where hot and/or wet applications require premium grease. Industrial applications may include paper mills, cement plants, mining or rock crushing, metal foundries, chemical manufacturing facilities, plastics plants, sawmills, wastewater treatment plants and steel mills. It is also recommended as a chassis grease for heavy-duty equipment.



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TYPICAL CHARACTERISTICS

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| Product | No. 2 |
| Product Code | 39521 |
| NLGI Grade | 2 |
| Thickener Type | Lithium Complex |
| Texture | Tacky |
| Color | Red |
| Worked Penetration (ASTM D-217) | 280 |
| Dropping Point (ASTM D-2265) °F (°C) | 500 (260) |
| Base Oil Viscosity (ASTM D-445): | |
| cSt @ 40°C | 460 |
| SUS @ 100°F | 2500 |
| Oxidation Stability (ASTM D-942) psi drop, 100 Hrs | 10 max |
| Copper Corrosion, 3 hrs @ 100 C | pass |
| Water Washout, % loss @ 175°F (D 1264) | 3.5 |
| Rust Prevention (ASTM D-1743) | pass |
| 4-Ball EP Weld load, kg | 500 |
| Timken OK Load, lbs (ASTM D-2509) | 60 |

The above data is subject to usual manufacturing variation. For more information and availability, call 1-800-442-LUBE.
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