



Red Protect XT[®]

Extra Tacky Lithium Complex Multi-purpose High-Temperature Grease

General Description

Red Protect XT[®] is an extra tacky, high-temperature, lithium complex grease with excellent multi-purpose properties. It is formulated with extreme pressure (EP) additives, anti-wear agents, and long-lasting corrosion and oxidation inhibitors.

The lithium complex thickener in Red Protect XT makes the product suitable for applications within a very wide temperature range and especially applications at elevated temperatures. The thickener structure also gives the product a high degree of mechanical stability, which enhances the performance in vibrating housings and prolongs re-lubrication intervals.

Red Protect XT grease provides maximum protection and trouble-free operation in a wide range of lubricating applications including automotive, heavy duty trucking, construction, agriculture, mining and industrial service. Red Protect XT is a premium grease that is fortified with extra tacky characteristics to stay in place to cover and protect a wide variety of components.

Features and Benefits

- **Extreme Pressure Performance:** Excellent extreme pressure properties reduce wear and maintenance costs.
- **Seals Out Contamination:** The special polymer helps seal out external contamination.
- **Excellent Film Strength:** Outstanding adhesive and tackiness properties keeps grease in place.
- **Long Life:** Enhanced oxidative and thermal stability lead to longer grease life.
- **High Dropping Point:** A dropping point over 500°F demonstrates Red Protect XT's ability to handle high-temperatures.
- **Rust and Corrosion Protection:** Excellent rust and corrosion prevention leads to prolonged equipment life.

Expect Superior Performance In

- High-temperature applications
- Wet environments
- Shock load conditions
- Chassis lubrication
- Wheel bearings

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Typical Applications

Red Protect XT[®] is recommended for:

- NLGI Service GC-LB
- High-temperature operations
- Severe load applications

Typical Customers

- Construction Companies
- Agricultural Equipment Operators & Shops
- Truck Service Shops
- Auto Service Shops
- Mining Service Companies
- Industrial Equipment Operators

Typical Properties

Properties	Red Protect XT #2	Red Protect XT #1
NLGI Grade	#2	#1
NLGI Service Classification	GC-LB	
Thickener	Lithium Complex	Lithium Complex
Color	Red/Tacky	Red/Tacky
Penetration, 60 strokes (range)	265-295	310-340
Dropping Point, Minimum °F	>500	>500
Base Oil Viscosity, cSt @ 40°C	220	220
Base Oil Viscosity, cSt @ 100°C	18	17
Base Oil Viscosity Index	89	77
Base Oil Group	Mineral	Mineral
Timken Load	60	55
Four Ball Wear Scar	0.6 max	0.6 max
Four Ball EP Weld (kgf)	400	400
Rust Protection	Pass	Pass
Copper Corrosion	1b	1b
Operating Temperature Range °F	-20 to 280°F	-20 to 280°F

The data can vary within given tolerances. Temperature range is given as a guideline only.

The typical properties listed reflect the general characteristics of the product, and are not manufacturing specifications. Normal batch-to-batch variations should be expected.

Health & Safety

A complete safety data sheet is available by calling 1-651-355-8438 or visit cenex.com/sds-library.