

United Red Max is a premium lithium complex grease containing the highest base oil viscosity within the United Lubricants grease line. United Red Max has a high dropping point of 500°F ensuring retention in high temperature conditions. This grease also has a unique additive package that ensures better anti-wear properties, high film strength and extreme pressure protection.

The lithium complex thickener structure combined with its unique additive package makes this product a primary choice for construction and mining equipment due to enhanced performance in vibrating housings and prolonged re-lubrication intervals. This product is specially formulated with enhanced corrosion protection and water-resistance additives which gives extra protection against highly reactive contamination commonly found in agricultural, mining and quarry applications and red soils (iron-oxide or iron-rich soil).

The polymer-fortified structure provides superior protection against rust, water washout, and corrosion and improved adhesion on metal surfaces. High-quality base oil and rust/oxidation/corrosion inhibitors provide protection for metals in storage and under extreme service conditions.

## Features:

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- Superior shock load carrying capability and protection against wear
- Excellent resistance to water washout
- Improved protection against extremely wet operating conditions
- Extended lubricating performance under vibrating and oscillating working conditions
- High-temperature dropping point
- Good pumpability in wide temperature ranges

## Applications:

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United Red Max Grease can be used as a multi-purpose grease but is best suited for heavy-duty applications such as construction and mining equipment working under heavy loads.

- Continuous operation in both off- and on-highway conditions, such as construction, mining and agricultural equipment
- Sliding applications, bearings, and chassis elements working under wet and moderate conditions along with high temperatures and heavily loaded conditions
- Roller bearing applications with continuous exposure to water, oscillating movements, and vibration with heavy shock loads
- Low to medium speed bearings where shock load conditions are dominant
- Agricultural or earthmoving equipment lubrication in red soil and fertilizer-rich soil environments for better corrosion protection

# TYPICAL SPECIFICATION DATA

<b>United Red Max</b>	
THICKENER	Lithium Complex
DROPPING POINT, °F (ASTM D 2265)	500
PENETRATION (ASTM D 217) WORKED 60 STROKES	270
BASE OIL VISCOSITY (ASTM D 445) @ 40°C, cSt @ 100°C, cSt	322 29.2
VISCOSITY INDEX	124
COLOR	Red
RUST PREVENTION (ASTM D 1743)	PASS
OXIDATION STABILITY (ASTM D 942), LB LOSS/100 HRS.	2
WATER WASHOUT (ASTM D 1264), % @ 79°C	3.5
EXTREME PRESSURE TIMKEN (ASTM D 2509), OK LOAD, LB FOUR-BALL (ASTM D 2596) WELD POINT, KGF LWI	70 400 40
Meets NLGI, ASTM D4950	GC-LB

## Product Availability:

- 10/30 pack; 14 oz. Tubes      310160
- 120# Keg                              310306
- 400# Drum                             310307