

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 provide enhanced performance in vibrating housings and prolonged re-lubrication intervals, making this product a primary choice for construction and mining equipment. This product is specially formulated with enhanced corrosion protection and water-resistance additives that give extra protection against the 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:

- 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:

- 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

UNITED RED MAX GREASE	
NLGI GRADE	2
Thickener Type	Lithium Complex
Texture	Tacky
Color	Dark Red
Penetration 60 Strokes	265–295
Dropping Point (°F)	> 500
Steel Corrosion	Pass
Water Washout (% Loss)	< 5.0
Timken OK Load (lbs.)	60
4-Ball Ep Performance Weld Point (kg)	400
Base Oil Viscosity @ 100°C (cSt)	24.0
Base Oil Viscosity @ 40°C (cSt)	320.0
Base Oil Viscosity Index	95

Product Availability:

- 30 x 14-oz Tubes
- 120-lb Keg
- 400-lb Drum
- Item # 310160
- Item # 310306
- Item #310307