



RedTac®

RedTac is an adhesive, multipurpose, extreme-pressure (EP) lithium grease developed for use in a wide variety of automotive and industrial applications. It contains a polymer and a tackiness additive that provide improved retention, reduced leakage and outstanding resistance to water washout.

RedTac is manufactured with high-quality base oils, a special polymer and lithium 12-hydroxystearate soap thickener. It is fortified with extreme-pressure and antiwear additives, rust and oxidation inhibitors and a tackiness additive. It has good oxidation resistance, high load-carrying capacity for excellent wear protection, and protects metal parts against rust and corrosion. It provides a high level of adhesion to the bearing surface for improved retention and resistance to water washout, and has excellent resistance to structural breakdown even under severe operating conditions.

RedTac is dyed red for ease of identification.

Applications

- Automotive chassis parts, such as steering knuckles, ball joints, U-joints and tie-rod ends
- Wheel bearings on passenger cars and heavy equipment equipped with drum brakes
- Moderately loaded plain and rolling-element bearings in industrial equipment
- Enclosed industrial gear drives that require a semifluid, heavy base oil, extreme-pressure grease (NLGI Grade No. 0)
- Agricultural and construction equipment where an adhesive, water-resistant, extreme-pressure lithium grease is required

Features/Benefits

- Good high-temperature performance
- Adhesive; stays put
- Excellent resistance to water washout
- High load-carrying capacity
- Excellent wear protection
- Protects against rust and corrosion
- Good low-temperature pumpability

**Adhesive,
Multipurpose,
Extreme-Pressure
Lithium Grease**

CONTACT INFORMATION

**Phillips66
Lubricants.com**

U.S. Customer
Service:
1-800-368-7128

Technical Hotline:
1-877-445-9198

International
Customer Service:
1-832-765-2500

E-mail address:
**lubricants@
p66.com**



RedTac®

Typical Properties

NLGI Grade	0	1	2
Thickener	Lithium	Lithium	Lithium
Color	Red	Red	Red
Dropping Point, °C (°F)	190 (374)	190 (374)	190 (374)
Density, lbs/gal	7.44	7.44	7.50
Penetration, Worked (60 strokes), ASTM D217	355-385	310-340	265-295
Texture	Tacky	Tacky	Tacky
Four-Ball EP, ASTM D2596, Weld Load, kgf	250	250	250
Four-Ball Wear, ASTM D2266, Scar Diameter, mm	<0.60	<0.60	<0.60
Oxidation Stability, ASTM D942, 100 hrs,			
Pressure Drop, psi (kPa)	5 (35)	5 (35)	5 (35)
Rust Prevention, ASTM D1743	Pass	Pass	Pass
Timken OK Load, ASTM D2509, lb	60	60	60
Base Oil Properties:			
Viscosity,			
cSt @ 40°C	420	420	420
cSt @ 100°C	27.2	27.2	27.2
SUS @ 100°F	2,260	2,260	2,260
SUS @ 210°F	134	134	134
Viscosity Index	89	89	89
Operating Temperature Range,			
°C	-12 to 121	-12 to 135	-12 to 135
°F	10 to 250	10 to 275	10 to 275

Health and Safety Information

For recommendations on safe handling and use of this product, please refer to the Material Safety Data Sheet via <http://w3apps.phillips66.com/NetMSDS>.

Typical properties are average values only and do not constitute a specification. Minor variations that do not affect product performance are to be expected during normal manufacture, and at different blending locations. Product formulations are subject to change without notification.

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