



Technical Product Information

RED-i EXTREME PRESSURE GREASE

PREMIUM-TACKY-ADHESIVE-MULTI-PURPOSE EP GREASE DESIGNED TO “STAY IN PLACE AND LUBRICATE” IN THE MOST SEVERE WATER-WASHING AND SHOCK LOADING AUTOMOTIVE AND INDUSTRIAL APPLICATIONS.



Product Description: RED-i EP GREASE is a premium, heavy duty, extreme pressure multi-purpose lithium complex grease fortified with polymers, antiwear agents, tackiness additives, high viscosity base oils plus rust and oxidation inhibitors. This grease is designed to “stay-in-place and lubricate” under the most severe operating conditions found in industrial and automotive service, it is unsurpassed in resisting water wash out and protecting against wear in shock loading applications.

RED-i EP GREASE is the grease designed to “stay there and lubricate” under the worst conditions of water-dirt-mud.

Features:

- Adhesive-tacky, grease that “stays in place and lubricates”.
- Unexcelled water wash-out resistance due to high viscosity base oils fortified with polymers.
- Great protection against failures caused by shock loading.
- Extreme pressure protection - Exceeds 70 pounds OK Load in the ASTM D-2509 Timken Test.
- Critical metal surfaces of moving parts are protected from rust and corrosion.
- Distinctive red color quickly identifies the grease and helps detect defective bearing seals.
- Reduced maintenance expense because “stay-in-place and lubricate” attribute means less frequent greasing intervals and extended equipment life.
- Oxidation inhibitors permit operations at high temperatures for extended periods.

- NLGI certified GC-LB in wheel bearing and chassis applications.

Typical Uses:

- Recommended for wheel bearing, including disc brakes applications. Fifth wheel, U-joint, steering linkage and chassis lubrication.
- An ideal chassis lubricant for “on & off road” equipment in agriculture, construction, logging, trucking and mining service where severe water washing or shock loading protection is needed.
- Recommended for industrial plain bearings and anti-friction bearings operating under shock-loads or wet and dirty conditions.

NOT RECOMMENDED FOR SMALL ANTI-FRICTION BEARINGS OPERATING OVER 5000 RPM.

Typical Specifications:

GRADE, NLGI	1	2
Penetration @ 77° F. (ASTM Worked)	310-340	265-295
Dropping Point, ASTM, °F.	550	550
Soap Type	Lithium Complex	Lithium Complex
Color	Red	Red
Appearance	Smooth and Tacky	Smooth and Tacky
Timken OK Load, Lb.	70 lbs. Minimum	70 lbs. Minimum
Base Oil Viscosity:		
cSt. @ 40°C.	336	336
cSt. @ 100°C.	22.0	22.0
Water Washout Loss %	6	5
4 Ball Wear Test:	0.28	0.28
40kg @ 1200rpm, 75°C, 1hr.	0.55 mm.	0.56 mm.

TACKINESS ADDITIVES USED TO MAKE GREASE “STAY IN PLACE” MAKE THIS GREASE HARDER TO PUMP AND MAY REQUIRE THE USE OF A HEAVY FOLLOWER PLATE IN AIR OPERATED GREASE PUMPS. NOT RECOMMENDED FOR CENTRALIZED DISPENSING SYSTEMS COMMONLY FOUND IN INDUSTRIAL PLANTS UNLESS THEY ARE CAPABLE OF PUMPING A GREASE OF THIS TYPE.

VALUES SHOWN HERE ARE TYPICAL AND MAY VARY.