

Product Description

TRIAX Spheron HT (High Temp) is a very high performance, ultra stable, premium, heavy duty, EP Multi-Purpose Lithium Complex grease fortified with polymers, anti-wear agents, tackiness additives, high viscosity base oils plus rust and oxidation inhibitors. This grease is designed to “stay in place” 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 - designed to “stay there and lubricate” under the worst conditions of water-dirt-mud.

Benefits and Advantages

- ▶ Adhesive-tacky grease that “stays in place” in extreme conditions
- ▶ Unsurpassed water washout resistance due to high viscosity base oils fortified with polymers, less than 1.5%
- ▶ Excellent 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” attribute means less frequent greasing intervals and extended equipment life.
- ▶ Oxidation inhibitors permit high temperature operations for long periods of time
- ▶ NLGI Certified GC-LB in wheel bearing and chassis applications.



Available Packaging

- 400 lb drum (180 kg)
- 35 lb pail (35 lb pail)
- 1 gal pail (3.80 kg)

Applications

- ▶ Recommended for wheel bearings, including disc brake applications, fifth wheels, u-joints, steering linkage, and chassis lubrication.
- ▶ An ideal chassis lubricant for “off road” equipment in agriculture, construction, logging, trucking and mining service where severe water washing or shock loading protection is needed.
- ▶ Also recommended for rock crushers, sand and gravel screens, oil field equipment, off shore drilling equipment and marine deck equipment.
- ▶ 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.**

Specifications and Approvals

- ▶ NLGI Certified LB in wheel bearings and chassis applications
- ▶ NLGI 1, 2
- ▶ Soap Type: Lithium Complex

Chemical Properties

TEST / NLGI Grade	1	2
Penetration @ 25 C.	325	280
Dropping Point	292 C	292 C
Soap Type	Lithium Complex	Lithium Complex
Color	Red	Red
Texture / Appearance	Smooth / Tacky	Smooth / Tacky
Base Oil Viscosity		
cSt. @ 40 ° C	336	336
cSt. @ 100 ° C	22	22
Water Washout, % Loss - Direct Contact with Water	1.5%	1.5%
Four Ball Wear, 1200 rpm, 40kg, 1 hr @ 75 ° C.	0.55 mm	0.56 mm
Timken OK Load	70 lb. Min.	70 lb. Min.