



Technical Product Information

EXTREME PRESSURE LITHIUM GREASE

WIDE TEMPERATURE RANGE PREMIUM ANTIWEAR HYDRAULIC OIL

Product Description: EP LITHIUM GREASE is multi-purpose extreme pressure grease made from lithium soap stock which imparts good high and low temperature characteristics and chemical stability. The load carrying additives system contains no lead or metals which are environmentally undesirable. This multi-purpose grease has high resistance to mechanical breakdown, excellent oxidation resistance, good rust protection, and excellent water “wash-out” resistance.

Features:

- Economical - one grease for many applications.
- High EP protects heavily loaded or shock loaded bearings.
- Resists water “wash-out”.
- Excellent for use in centralized lube systems.
- Good anti-rust properties.
- Distinctive, attractive color.
- NLGI Certified LB in chassis applications.

Typical Uses:

- Used in lubrication of heavily loaded plain and anti-friction bearings, gears, and grease lubricated couplings subject to high temperatures and shock loading.
- Recommended for all types automotive and industrial applications including the lubrication of heavy construction equipment.

Typical Specifications:

GRADE, NLGI	00	0	1	2	3
Penetration @ 77° F. (ASTM Worked)	400-430	355-385	315-335	270-290	225-240
Dropping Point, ASTM, °F.	340	345	360	360	360
Soap Type	Li12HSA	Li12HSA	Li12HSA	Li12HSA	Li12HSA
Color	Blue	Blue	Blue	Blue	Blue
Appearance	Buttery	Buttery	Buttery	Buttery	Buttery
Timken OK Load, Lb.	40	40	40	40	40
4 Ball Weld Load, ASTM D2596, Kg.	-	-	-	-	-
Base Oil Viscosity:					
cSt. @ 40° C.	227	227	227	227	227
cSt. @ 100° C.	15.0	15.0	15.0	15.0	15.0
Rust Test, ASTM D1743	Pass	Pass	Pass	Pass	Pass
Corrosion, ASTM D4048	Pass	Pass	Pass	Pass	Pass
Water Washout Loss %	5	5	5	5	5

NOTE: LI-12HSA: LITHIUM 12 HYDROXY STEARATE

VALUES SHOWN HERE ARE TYPICAL AND MAY VARY.