

# TECHNICAL PRODUCT INFORMATION

## E.P.LITHIUM Multi Purpose Extreme Pressure Grease

### 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-washout” resistance.

### Typical Uses:

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

### Features:

- Economical – one grease for many applications.
- High EP protects heavily loaded or shock loaded bearings.
- Resists water “wash-out”.
- Excellent for use in centralised lube systems.
- Good anti-rust properties.
- NLGI Certified LB in chassis applications.
- Operating Temperature Range –20°C to 148°C

### Typical Properties:

GRADE NLGI	00	0	2
Penetration @ 77°F. (ASTM worked)	400-430	355-385	270-290
Dropping Point °C	182	193	198
Soap Type	Li12HSA	Li12HSA	Li12HSA
Colour	Blue	Blue	Blue
Appearance	Buttery	Buttery	Buttery
Timken OK Load, lb	40	40	40
Base Oil Viscosity:			
cSt @ 40°C	144	144	144
cSt @ 100°C	10.4	10.4	10.4
Rust Test, ASTM D1743	Pass	Pass	Pass
Corrosion Test ASTM D4048	Pass	Pass	Pass
Water Washout Loss %	5	5	5

NOTE: LI-12HSA: Lithium 12 Hydroxy Stearate

VALUES SHOWN HERE ARE TYPICAL AND MAY VARY.