

Lithium Grease EP00 and EP0 Lithium Soap Grease

DESCRIPTION

Nemco Lithium EP00 and EP0 are Lithium-12-hydroxy soap based lubricating greases formulated with the highest quality base oils available and is fortified with rust and oxidation inhibitors as well as extreme pressure additives. These grease products have been formulated with a special additive package which ensures high film strength, extreme pressure and anti-wear properties.

Nemco Lithium Grease is available in NLGI EP00 and EP0 grades, and their softer texture makes them ideal for use in centralized lube systems and in very low temperature service.

Applications

- Plain/rolling-element bearings in compressors
- Fans
- Centrifugal pumps
- Chassis parts
- U-joints
- Water pumps on passenger vehicles
- Track rollers
- Commercial lawn mowers
- General-purpose/shop/industrial grease
- Underground mining machinery
- Crushers
- Vibrating screens
- Centralized lubrication systems

Typical Characteristics – Lithium EP00 and EP0 Grease

NLGI Grade	EP00	EP0
Soap type	Lithium complex	Lithium complex
Texture	Smooth	Smooth
Colour	Amber	Amber
Worked penetration, 25°C 60 strokes	400-430	355-385
Rust prevention ASTM D1743, rating	Pass	Pass
Operating temperature range °C (°F)	-35 to 65 (-31 – 149)	-34 – 121 (-30 – 250)
Four ball wear ASTM D2596, scar diameter (mm)	0.45	0.45
Four ball extreme pressure weld point ASTM D2596, kg	250	250
Timken OK load ASTM D2509, lb	40	40
Copper corrosion D4048, rating	1b	1b
Viscosity cSt at 100°C cSt at 40°C	15.5-17.5 180-210	15.5-17.5 180-210
Viscosity index, min	80	80

Physical characteristics shown in the table are typical and may vary slightly.