



APPROVED BY FORD - TOX # 186019

EP-1 INDUSTRIAL SYNTHETIC GREASE

EXTREME PRESSURE PERFORMANCE FROM -60°F TO 650°F!

Heavy duty full synthetic NLGI 1 grade industrial grease designed for extreme temperature conditions or where low and high speed bearings share the same lubricant. Delivers increased parts life, reduced downtime and outstanding protection in the harshest EP, temperature or corrosive environments.



TYPICAL PROPERTIES

NLGI Grade	1
Color	Tan
Thickener	Calcium Complex
Operating temperature range	-60°F to 650°F
Kinematic viscosity of base oils @40°C [ASTM 445]	68 cSt (220 SUS)
Penetration @ 25°C [77°F] (ASTM D-217), mm/10	
Worked 60 strokes	310-340
Mechanical Stability (ASTM D-217) % change from P60	
P100,000 strokes	2.3%
P10,000 strokes with 50% H2O	<2.0%
Dropping Point (ASTM D-2265) °F [°C]	+554 [290°C]
Shell Roll Stability (ASTM D-1831)	<4.0%
Oxidation Stability (ASTM D-942)	psi drop/500 hours 6.0 lbs
Oxidation Bearing Life (ASTM D-3527)	200 hours
4-Ball Wear Test (ASTM D-2266)	
mm scar, 40kg, 1200 RPM, 75oF, 1hr	0.42mm
4-Ball EP test (ASTM D-2596)	
LWI, kg	>75
Weld Load, kgf	500
Timken OK Load (ASTM D-2509) lbs/kg	60/27
Rust test (ASTM D 1743)	Pass
Copper Corrosion test (ASTM D-130)	Pass/1b
Salt Fog Spray (ASTM B-117) hours to failure	>1000 hours
Water Washout (ASTM D-1264)	@ 80°C, % loss <2.2%
Base Oil Characteristics	
Viscosity SUS @ 100°F	220
Viscosity SUS @ 210°F	62.4
V.I. Min	136

ADVANTAGES:

- Pumpable
- Operates from -60 °F to 650°F
- Extreme pressure protection
- Heavy load carrying ability
- Excellent shear stability
- Displaces water & moisture
- Highly resistant to water wash
- Excellent corrosion resistance
- Reduces downtime
- Reduces power consumption

IDEAL FOR:

- High RPM equipment
- Long lubricant dispensing lines
- Extreme hot or cold conditions
- Heavily loaded hinge pins
- Couplings
- CV & universal joints
- Rolling & slabbing mills
- Truck chassis, general lube points
- Wheel bearings

ProOne#	Size	Case Pack
47014	14 oz./397g Cartridge	12
47035	35 lb./15.9 kg Pail	1
47120	120 lb./54.4 kg Keg	1
47400	400 lb./181.4kg Drum	1