



ISO-9001 Registered Quality System.  
ISO-21469 Compliant.

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## PRODUCT DATA

# LUBRIPLATE SYNXTREME HD/460 SERIES

## DESCRIPTION

LUBRIPLATE SYNXTREME HD/460 greases are 100% synthetic, calcium sulfonate based. This advanced technology delivers outstanding shear stability, reduced wear and excellent resistance to water and other corrosive substances. The heavy, 100% synthetic fluid used in these greases delivers increased oxidation stability and enables them to be effective at application temperatures between 450°F and 500°F with frequent re-lubrication intervals.

## APPLICATIONS

LUBRIPLATE SYNXTREME HD/460 greases are outstanding lubricants for all types of anti-friction bearings, which are subjected to wide operating temperature ranges and operate at slow to medium speeds.

## ADVANTAGES

- ⇒ High temperature stability, >600°F Drop Point
- ⇒ Mechanical stability – the greases do not readily thin out
- ⇒ Deliver excellent anti-wear (AW) and extreme pressure (EP) protection
- ⇒ Calcium sulfonate thickener delivers unsurpassed rust and corrosion prevention
- ⇒ Excellent resistance to chemically treated water washdown procedures at high temperatures

## Typical Test Data – See Back

### PACKAGING AVAILABLE

35 lb. Pail  
120 lb. Quarter Size Drum  
415 lb. Full Size Drum  
Carton, 40/16 oz. Cartridges

### SYNXTREME HD-2/460

L0405-035  
L0405-039  
L0405-040  
L0405-098

### PACKAGING AVAILABLE

35 lb. Pail  
120 lb. Quarter Size Drum  
Carton, 40/16 oz. Cartridges

### SYNXTREME HD-1/460

L0406-035  
L0406-039  
L0406-098

### PACKAGING AVAILABLE

35 lb. Pail  
120 lb. Quarter Size Drum

### SYNXTREME HD-0/460

L0407-035  
L0407-039

### PACKAGING AVAILABLE

35 lb. Pail  
120 lb. Quarter Size Drum

### SYNXTREME HD-00/460

L0408-035  
L0408-039

PROPERTY	TEST METHOD	TYPICAL RESULTS*			
		HD-2/460	HD-1/460	HD-0/460	HD-00/460
Thickener		Calcium Sulfonate Complex	Calcium Sulfonate Complex	Calcium Sulfonate Complex	Calcium Sulfonate Complex
NLGI Grade	ASTM D-217	2	1	0	00
Color	Visual	Tan	Tan	Tan	Tan
Texture	Visual	Smooth	Smooth	Smooth	Smooth
Dropping Point	ASTM D-2265	>600°F (>316°C)	495°F (257°C)	333°F (167°C)	331°F (166°C)
Unworked Penetration	ASTM D-217	273	308	362	407
Worked Penetration (60X)	ASTM D-217	286	326	370	415
Oil Separation - % Loss	ASTM D-1742	0.3	0.6	N/A	N/A
Water Washout @ 175°F, % Loss	ASTM D-1264	1.55	2.20	8.42	23.88
Rust Prevention	ASTM D-1743	Pass	Pass	Pass	Pass
Copper Corrosion	ASTM D-130	1b	1b	1b	1b
4-Ball Wear, mm Scar Diameter	ASTM D-2266	0.57	0.51	0.44	0.59
4-Ball EP - Weld Load	ASTM D-2596	400	315	315	250
Base Fluid Type		PAO	PAO	PAO	PAO
ISO VG	ASTM D-2422	460	460	460	460
Viscosity @ 40°C, cSt	ASTM D-445	414 - 506	414 - 506	414 - 506	414 - 506
Lincoln Ventmeter	K95400				
@ 77°F		238	179	85	53
@ 30°F		956	378	153	86
@ 0°F		N/A	1073	355	256