



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

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## PRODUCT DATA

# LUBRIPLATE SYNXTREME HD/220 SERIES

"These products are certified OU Kosher Pareve"

## DESCRIPTION

LUBRIPLATE SYNXTREME HD/220 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/220 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
- ⇒ 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

PROPERTY	TEST METHOD	TYPICAL RESULTS*	
		HD-2/220	HD-1/220
Thickener		Calcium Sulfonate Complex	Calcium Sulfonate Complex
NLGI Grade	ASTM D-217	2	1
Color	Visual	Tan	Tan
Texture	Visual	Smooth	Smooth
Dropping Point	ASTM D-2265	>600°F	>600°F
Unworked Penetration	ASTM D-217	273	311
Worked Penetration (60X)	ASTM D-217	280	317
Worked Penetration (10,000X)	ASTM D-217	294	324
Oil Separation - % Loss	ASTM D-1742	<0.5%	<0.5%
Water Washout	ASTM D-1264	<1.0%	<1.0%
Copper Corrosion	ASTM D-130	1a	1a
Rust Prevention Properties	ASTM D-1743	Pass	Pass
4-Ball Wear	ASTM D-2266	0.42mm	0.39mm
Evaporation Loss	ASTM D-972	<0.5%	<0.5%
4-Ball EP - Weld Load	ASTM D-2596	400kg	380kg
Base Fluid Type		PAO	PAO
ISO VG	ASTM D-2422	220	220
Viscosity @ 40°C - cSt	ASTM D-445	198 - 242	198 - 242
Cold Test		Minus 40°F	Minus 40°F

## Typical Test Data

### PACKAGING AVAILABLE

### HD-2/220

### HD-1/220

35 lb. Pail	L0312-035	L0313-035
120 lb. Quarter Size Drum	L0312-039	L0313-039
415 lb. Full Size Drum	L0312-040	L0313-040
Carton, 40/15.5 oz. Cartridges	***	L0313-098
Carton, 40/16 oz. Cartridges	L0312-098	***

