



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

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LUBRIPLATE SYNXTREME HD/220 Series

*NSF H-2 Registered

LUBRIPLATE SYNXTREME HD/220 greases are 100% synthetic, calcium sulfonate based lubricants. Their advanced technology delivers outstanding shear stability, reduced wear and excellent resistance to water and other corrosive substances. They are outstanding lubricants for all types of anti-friction bearings which are subject to wide operating temperature ranges. 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. The major use benefits are:

- * High temperature stability – 600°F+ Drop Point.
- * Mechanical stability - the greases do not thin out.
- * Delivers excellent anti-wear (AW) and extreme pressure (EP) protection.
(see specific results on back page)
- * Calcium sulfonate thickener delivers unsurpassed rust and corrosion prevention.
- * Excellent resistance to chemically treated water washdown procedures at high temperatures.

Part Numbers

<u>Packaging</u>	<u>HD-2/220</u>	<u>HD-1/220</u>
415 lb. Drum	L0312-040	L0313-040
120 lb. Drum	L0312-039	L0313-039
35 lb. Pail	L0312-035	L0313-035
Case 40/14.5 oz. Cartridges	L0312-098	L0313-098

(Over for typical properties)

LUBRIPLATE SYNXTREME HD/220 Series

<u>Typical Properties</u>	<u>ASTM</u>	<u>HD-2/220</u>	<u>HD-1/220</u>
Thickener	---	Calcium Sulfonate Complex	Calcium Sulfonate Complex
NLGI Grade	D-217	2	1
Color	Visual	Tan	Tan
Texture	Visual	Smooth	Smooth
Dropping Point	D-2265	> 600°F	> 600°F
Consistency	D-217	---	---
Unworked Penetration	D-217	273	311
(60X) Worked Penetration	D-217	280	317
(10,000X) Worked Penetration	D-217	294	324
Oil Separation; % Loss	D-1742	< 0.5%	< 0.5%
Water Washout @ 175°F; % Loss	D-1264	< 1.0%	< 1.0%
Rust Prevention Properties	D-1743	Pass	Pass
Copper Corrosion	D-130	1a	1a
Four Ball Wear; mm Scar Diameter	D-2266	0.42	0.39
Evaporation Loss @ 100°C; % Loss	D-972	< 0.5%	< 0.5%
4-Ball EP; Weld Load; Kg	D-2596	400	380
Base Fluid Properties			
Type		PAO	PAO
ISO VG		220	220
Viscosity @ 40°C; cSt		198 - 242	198 - 242
Lincoln Vent Meter Testing			
@ 67°F - Vent Reading in psi		310	240
@ 30°F - Vent Reading in psi		400	300
@ 0°F - Vent Reading in psi		590	400

	<u>HD-2/220</u>	<u>HD-1/220</u>
*NSF H-2 Registration No's. (Meets USDA 1998 Guidelines)	<u>142240</u>	<u>142238</u>

*These products are acceptable as lubricants where there is no possibility of food contact (H2) in and around food processing areas. Such compounds may be used as lubricants, release agents, or antirust films on equipment and machine parts in locations in which there is no possibility of the lubricant or lubricated part contacting edible products.

*NSF - National Sanitation Foundation