



# Synzol LC 460

Dyna-Plex 21C® Synzol LC 460 is a premium quality, multi-service, fully synthetic oil base grease. This grease provides an extended long service life at exceptionally high temperatures in heavy-duty operations. It is based on a unique lithium complex soap base thickener formulated in highly refined poly alpha olefin base oil. This grease possesses extreme pressure/anti-wear, anti-corrosion & antioxidant characteristics to enhance its performance at lower speeds, heavy loads and at high temperatures.

Dyna-Plex 21C Synzol LC 460 has a dropping point of over +500 F, allowing it to perform in even the highest temperature environments. The synthetic base fluid allows this grease to flow at very low temperatures, even when supplied through a centralized lube system.

### Applications:

Recommended for; high temperature applications in industries like Steel, Aluminum, Cement, Mining, Construction, off highway, transport, power, chemical etc. For lubrication of ball roller bearings, work rolls bearings, bushings, slides & screws where loads may be extremely high. It is also suitable for bearing lubrication of continuous caster, bloom caster, etc. for steel mills. This product works extremely well in arctic or sub-zero temperatures.

<u>PROPERTY</u>	<u>ASTM TEST METHOD</u>	<u>TEST SPECIFICATIONS</u>
Color	Visual	Red
Texture	Visual	Smooth, Tacky
NLGI Grade	D-217	2
Worked Penetration	D-217	286
Change in Pen after 100,000 strokes		30 Max.
Drop Point, °F	D-2265	500 Min.
Viscosity @ 40°C, cSt		456
Viscosity @ 100°C, cSt		35.5
Viscosity @ 100°F, SUS	D-445	2417
Viscosity @ 210°F, SUS		173
Type of thickener	-	Lithium Complex
4-Ball EP load, kg	D-2596	400
Timken OK load, lbs	D-2509	60
Water Washout, 175°F, % wt	D-1264	2.3

Meets or exceeds the following tests and requirements:  
NLGI rating GC-LB