



## Dyna-Plex 21C Synzol LC-220 Grease

Dyna-Plex 21C Synzol LC-220 Grease is a heavy-duty multi-purpose lubricating grease with development emphasis on long-term and lifetime lubrication of rolling element bearings under moderate to high load. The special lithium complex soap thickener and synthetic hydrocarbon base oil are proven components for high temperature operation. Special anti-oxidant blended additives provide oxidation stability at both low and high temperatures. Synergistic corrosion inhibitors offer protection for both ferrous and yellow metals which are commonly used in today's rolling element bearings.

### PROPERTY

NLGI	Grade 2
Color	Beige
Texture	Homogenous
Base Oil (ASTM D 446)	Synthetic Hydrocarbon
Viscosity at 40°C cSt	Approx 226
Viscosity at 100°C cSt	Approx 26
Viscosity Index	Approx 146
Thickener Type	Lithium Complex Soap
Density at 20°C g/cm <sup>3</sup>	0.870
Service Temperature	-31°F to 302°F -35°C to 150°C
Drop Point (ASTM D 2265)	Approx 280°C
Penetration Worked 60 ds	280 1/10 mm
Prolong Worked 100,000	ds 310 1/10 mm
Oil Separation (ASTM D6184)	< 3%
4-Ball Wear (ASTM D 2266)	0.57 mm, 0.52 mm
4-Ball Load Wear Index	50
Last non seizure load	80-kg (0.39mm)
Last seizure load	250-kg (2.02mm)
Weld load, kg	315
Corrosion Preventative Properties (ASTM D 1743)	Pass
Corrosion Preventative Properties EMCOR (ASTM D 6138)	0/0
Copper Corrosion (ASTM D 4048)	1b
Timken OK Load, lbs (ASTM D 2509)	65

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