



DYNA-PLEX 21C® SIRIUS 600 SERIES

Dyna-Plex 21C® Sirius 600 Series Gear Oils contain an 'extreme pressure' additive system. This allows the lubricant to remain water, rust and corrosion resistant in severe situations. These lubricants excel in industries where load carrying capacity is required. The combination of high viscosity base oils and additives maintain shear stability and reduce wear, even under hot, wet and dirty high load or extreme pressure conditions.

Dyna-Plex 21C Sirius 600 Series Gear Oils adhere to metal, even under the most severe conditions. These unique characteristics are imparted by a polar agent with special cohesive and adhesive properties and help extend component life.

Dyna-Plex 21C Sirius 600 Series Gear Oils are suited for the lubrication of a wide variety of industrial and mobile equipment, enclosed gear systems, chain drives, sprockets, plain and anti-friction bearings, slide guides and flexible couplings. They excel in the lubrication of enclosed gear drives and reducers from fractional horsepower gear motors to the large high horsepower units on rolling mills and hoists.

<u>PROPERTY</u>	<u>ASTM TEST METHOD</u>	<u>602</u>	<u>603</u>	<u>604</u>	<u>645</u>
Viscosity @ 40°C, cSt	D445	68.0	100.2	150.0	199.5
Viscosity @ 100°C, cSt	D445	8.53	11.08	15.00	18.80
Viscosity Index	D2270	95	95	95	96
Flash Point, COC, °C(°F)	D92	221 (430)	229 (445)	232 (450)	235 (455)
Pour Point, °C(°F)	D97	-29 (-20)	-20 (-5)	-24 (-11)	-15 (5)
Color	D1500	Orange	Orange	Orange	Orange
Gravity, °API	D287	29.4	28.5	29.0	27.7
Texture		Stringy	Stringy	Stringy	Stringy
Steam Emulsion Test		100-600	100-600	100-600	100-600
Pin-type Weeks Test, psi, min.		390,000	390,000	390,000	390,000
Stick Slip Test		0.770	0.770	0.770	0.770
Timken OK Load, lbs.	D2509	100	100	100	100
Copper Strip	D130	1a	1a	1a	1a
FZG Gear Test, Stages Passed		12	12	12	12
4-Ball Wear, Scar dia, mm	D2266	0.30	0.30	0.30	0.30

Meets or exceeds the following tests and requirements:

- AGMA - 250.04
- US Steel - 224

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