



Synzol EPG Synthetic Gear Oils

Dyna-Plex 21C[®] Synzol EPG 809 and 810 are high-viscosity, synthetic EP gear oils. They are formulated with PAO base stocks and additives for increased oxidation stability and extreme pressure protection of lubricated surfaces. These superior gear oils possess an inherently high viscosity index, outstanding thermal stability, excellent low-temperature fluidity, and protect against rust, corrosion, and foaming. These oils have been proven to reduce friction, conserve energy, lower operating temperatures, and extend oil drain intervals. These oils meet the requirements of U.S. Steel 224, AGMA 9005-D94, DIN 51517 Part 3 CLP, and API GL-4 service category.

Dyna-Plex 21C Synzol EPG 809 and 810 are recommended for use in all types of enclosed gearings as well as in plain and rolling element bearings. These lubricants are ideal for heavily-loaded, low-speed gears and bearings where boundary or EHL conditions exist. They are particularly recommended for extreme temperature conditions, hot or cold, where conventional gear oils rapidly oxidize or fail to meet flow and pumpability requirements. They may be used in open gear applications where ISO VG 1000 or 1500 synthetic EP gear oils are recommended. The oils are compatible with most seal materials, paints, and plastics to include: nitrile, Buna-N, neoprene, viton, Teflon, polyethylene, polyurethane ether, fluorocarbon, polyacrylate, polysulfide, ethylene acrylic, epoxy, plastisol, PVC, acrylic paint, and lacquer.

<u>PROPERTY</u>	<u>ASTM TEST METHOD</u>	<u>EPG 809</u>	<u>EPG 810</u>
AGMA Grade	AGMA 9005 D-94	8 EP	9 EP
Viscosity @ 40°C, cSt	D-445	947	1513
Viscosity @ 100°C, cSt	D-445	66.2	95.8
Viscosity Index	D-2270	135	143
Specific Gravity	D-287	0.890	0.892
Pour Point, °F	D-97	-20	-17
Flash Point, COC, °F	D-92	485	490
Four-Ball Weld, (kgs)	D-2783	400	400
FZG Gear Test (pass stage)	D-5182	12+	12+