



Synzol DC ISO 100, 150

Dyna-Plex 21C® Synzol DC Oils are premium compressor oils engineered with synthetic diester base oils for superior valve cleanlines and extended drain intervals. They are designed for use in reciprocating compressor and vacuum pump cylinders and crankcases where excellent oxidation resistance, anti-wear protection, and the control of hard carbon deposits are needed.

These oils are recommended for use up to 8,000+ hours if the oil is determined to be suitable for continued use by oil analysis. The oil's service life is dependent on operating conditions and maintenance practices. Oil analysis is recommended every 1,000 hours of operation.

Dyna-Plex 21C Synzol DC Oils properties:

- High films strength
- Rapidly separates from water
- Ashless, anti-wear additives
- Rust and Oxidation inhibited
- Non-detergent formula
- Controls hard carbon lacquer deposits
- Non-foaming

PROPERTY	ASTM TEST METHOD	ISO 100	ISO 150
Viscosity @ 40°C, cSt	D-445	100.58	152.84
Viscosity @ 100°C, cSt	D-445	12.26	16.00
Viscosity Index	D-2270	114	109
Flash Point, COC, °C (°F)	D-92	286 (514)	274 (525)
Pour Point, °C (°F)	D-97	-39 (-38)	-36 (-33)
Four-Ball Wear Test 40kg, 1200rpm, 75°C, 1 hr mm	D-4172	.38	.38

Suitable for use with the following process gases: air, butadiene, benzene, carbon monoxide, carbon dioxide (dry), furnace (crack) gas, ethylene, sulfur hexafluoride, helium, natural gas, methane, propane.

Seal, paint and plastic compatibility recommendations:

Recommended

Seals - Viton®, High Nitrile Buna N (>36%), Teflon®
 Paints – Epoxy paint, Oil-resistant Alkyd
 Plastics – Nylon, Delrin®, Celcon®, PBT
 Oil types – Petroleum, PAO, Diester, Polyolester

Not Recommended

Seals – Neoprene, SBR rubber, Low Nitrile Buna N
 Paints – Acrylic paint, Lacquer
 Plastics – Polystyrene, PVC, ABS
 Oil types – Polyglycol, Silicone

Not recommended for “breathing air” or refrigeration compressors.