



Synzol BioSyn ISO 46 Hydraulic Oil

Dyna-Plex 21C® Synzol BioSyn ISO 46 Hydraulic Oil is a readily biodegradable hydraulic oil formulated with synthetic esters to provide excellent protection against wear, corrosion and foam. Engineered for use in mobile and stationary applications where high biodegradability is required.

Product Benefits

- Readily biodegradable, ashless, non-zinc formulation
- Protects against pump and motor wear
- Protects against rust and corrosion
- Excellent foam control reduces sponginess
- Compatible with common seal materials to reduce leaks

<u>PROPERTY</u>	<u>ASTM TEST METHOD</u>	<u>ISO #46</u>
ISO VG	D-2422	46
Viscosity @ 100°C, cSt	D-445	9.3
Viscosity @ 40°C, cSt	D-445	46.2
Viscosity Index	D-2270	189
Specific Gravity (g/ml)	D-1298	0.9176
Density, (lb/gal)	D-1298	7.642
Color	D-1500	L1.5
Flash Point, COC, °C (°F)	D-92	>290 (>554)
Pour Point, °C (°F)	D-97	-48 (-54)
Four Ball Wear Test mm 75°C, 1200 rpm, 40 kg, 1 hr	D-4172	0.37
Foam Tendency	D-892	
SEQ I	-	0/0
SEQ II	-	0/0
SEQ III	-	0/0
Copper Corrosion 100°C, 3 hr	D-130	1A
Rust Procedure A (distilled water)	D-665A	Pass
Rust Procedure B (salt water)	D-665B	Pass
Demulsibility	D-1401	40-40-0 (25)
Metals (wt%) Phosphorus	D-4951	0.0165%

Meets or exceeds the following tests and requirements:

- ISO 15380
- VDMA 24568 HEES
- Bosch* Rexroth* RD90221-1
- Readily Biodegradable OECD 301 B
- Vessel General Permit