

FS Synthetic Biodegradable Hydraulic Oil ISO 46

Description

FS Synthetic Biodegradable Hydraulic Oil ISO 46 is a readily biodegradable hydraulic oil formulated with synthetic esters to provide excellent protection against corrosion, wear and foam. It is engineered for use in mobile and stationary applications where high biodegradability is required.

Features and Benefits:

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

Meet or Exceeds:

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

Product Availability:

5 Gallon Pail
55 Gallon Drum
275 Gallon Tote

Typical Properties:

Test / Description	Specification
ISO VG	46
Viscosity @ 100°C , cSt, ASTM D445	9.3
Viscosity @ 40°C, cSt, ASTM D445	46.2
Viscosity Index, ASTM D2270	189
Specific Gravity (g/ml), ASTM D1298	0.9176
Flash Point, °C (°F) (COC) ASTM D92	>290 (>554)
Pour Point, °C (°F) ASTM D97	-48 (-54)
Four-Ball Wear Test mm scar, 75°C, 1200 rpm, 40 kg, 1 hr, ASTM D4172	0.37
Copper Corrosion, 100°C, 3 hour, ASTM D130	1A
Rust Procedure A (distilled water) ASTM D665A	Pass
Rust Procedure B (salt water) ASTM D665B	Pass

