

# UNITED SYNTHETIC BIODEGRADABLE HYDRAULIC OIL ISO 46



United 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:

---

- 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.

## TYPICAL SPECIFICATION DATA

UNITED SYNTHETIC BIODEGRADABLE HYDRAULIC OIL	
ISO GRADE	46
Viscosity @ 100°C (cSt)	9.3
Viscosity @ 40°C (cSt)	46.2
Viscosity Index	189
Density (lb/gal)	7.64
Pour Point (°C)	-48
Pour Point (°F)	-54
Flash Point (°C)	290
Flash Point (°F)	554
4-Ball Wear Scar (mm)	0.37
Copper Corrosion	1A
Rust Procedure A & B	Pass

## Meets or Exceeds:

---

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

## **Product Availability: United Synthetic Biodegradable ISO 46**

---

- 5 Gal\*
- 55 Gal\*
- 275 Gal\*

*\*Contact your local United Account Manager for product availability.*