



ISO46 Elevator Hydraulic Oil

Biobased Hydraulic Oil

Part No: 10800

DESCRIPTION

UltraLube® Biobased Elevator Hydraulic Oil is formulated with the best optimized USA grown natural seed oils that surpass the lubricity of most conventional oils. It protects against wear, has a high flash point and is readily biodegradable.

Our hydraulic oil was developed by the University of Northern Iowa's nationally recognized Ag-Based Industrial Lubricants (ABIL) Research Program. For more than a decade, UNI-ABIL has developed high performance biobased lubricants and greases for dozens of industrial applications worldwide.

APPLICATIONS

- ▶ Specially engineered for elevator hydraulic systems
- ▶ Recommended for systems having underground hydraulic lines
- ▶ Particularly recommended for aging underground hydraulic lines that may leak
- ▶ Recommended for Green Building Council, LEEDS Projects

BENEFITS

- ▶ Reduces wear through superior thin film protection
- ▶ Protects all ferrous metal components from rust and corrosion
- ▶ Maintains stable viscosity through wide operating temperature range
- ▶ Good seal compatibility
- ▶ Mostly benign when released into the environment
- ▶ Has superior flash and fire points for increased safety
- ▶ EPA's Environmental Preferable Purchasing (EPP) criteria
- ▶ Meets USDA's biobased product definition for Executive Order 13101

PERFORMANCE LEVELS

- ▶ Exceeds Vickers 20-VQ and 104C Vane Pump Tests
- ▶ Passes Vickers 35-VQ Vane Pump Test
- ▶ Factory Mutual Specification Tested Approval

TYPICAL PROPERTIES

Property	Method	Result
ISO Viscosity Grade		46
Base Oil Viscosity at 40°C (cSt)	ASTM D-445	44
Viscosity Index	ASTM D-2270	223
Flash Point °C (°F)	ASTM D-92	312 (594)
Pour Point °C (°F)	ASTM D-97	-33 (-27)
Rust & Corrosion	ASTM D-130	1A
Base Oil Biodegradability	OECD	Pass
Base Oil Aquatic Toxicity	Daphnia Magna	Non-toxic

PACKAGING

5-Gallon Plastic Pail

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