

SoyFluid™ Hydraulic Industrial (ISO 46 & 68)

Premium Biodegradable – Biobased Hydraulic Oils

DESCRIPTION

ELM Biotechbased SoyFluid™ Hydraulic Industrial (ISO 46 & 68) are biodegradable hydraulic oils formulated with the best optimized USA grown natural seed oils that surpass the lubricity of most conventional oils. They protect against wear, have high flash points for safety and are virtually biodegradable.

APPLICATIONS

- Recommended for all industrial hydraulic systems
- Particularly suited for use in hydraulic systems near water, in forestry, and in other environmentally sensitive areas

BENEFITS

- Reduce wear through superior thin-film protection
- Maintain stable viscosity through wide operating temperature range
- Protect all ferrous metal components from rust and corrosion.
- Have superior flash and fire points for increased safety
- Mostly benign when released into the environment
- Good seal compatibility
- Meet USDA's Biobased product definition for Executive Order 13101
- Conform to EPA's EPP criteria
- Conform to State of Iowa SF 2249 - Purchasing Preference for Biobased Lubricants
- Made from renewable USA-grown crop-based vegetable oils

PERFORMANCE LEVELS

- Exceed Vickers 20-VQ and 104C Vane Pump Tests
- Pass Vickers 35-VQ Vane Pump Test
- Factory Mutual Specification Tested Approval

TYPICAL PROPERTIES

ISO Viscosity Grade	46	68
Viscosity at 40°C (cSt)	44	69
Viscosity Index	207	196
Flash Point, °C (°F)	312 (594)	308 (586)
Pour Point, °C (°F)	-33 (-27)	-36 (-33)
Rust & Corrosion ASTM D-130	1A	1A
Base Oil Biodegradability	Pass	Pass
Base Oil Aquatic Toxicity	Non toxic	Non toxic

PACKAGING

Bulk
55 Gallon Drums
275 Gallon Totes
5 Gallon Pails

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