

# SoyFluid™ Hydraulic All Season

## Premium Biodegradable - Biobased Hydraulic Oil

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**DESCRIPTION**

ELM Biotechbased SoyFluid Hydraulic All Season Oil is a biodegradable hydraulic oil 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 for safety and is virtually biodegradable.

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**APPLICATIONS**

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

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

- Exceeds Vickers 20-VQ and 104C Vane Pump Tests
  - Passes Vickers 35-VQ Vane Pump Test
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**TYPICAL PROPERTIES**

ISO Viscosity Grade	32
Viscosity at 40°C (cSt)	34.2
Viscosity Index	214
Flash Point, °C (°F)	208(407)
Pour Point, °C (°F)	-36 (-33)
Rust & Corrosion ASTM D-130	1A
Base Oil Biodegradability	Pass
Base Oil Aquatic Toxicity	Non toxic

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**PACKAGING**

Bulk  
55 Gallon Drums  
5 Gallon Pails

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