



ISO32 Hydraulic Oil

Biobased Hydraulic Oil

Part No: 10557, 10559

DESCRIPTION ISO32 Hydraulic Oil is a biobased, 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 and has a high flash point for safety.

- APPLICATIONS**
- ▶ Recommended for industrial hydraulic systems operating in all seasons
 - ▶ Particularly suitable for use in hydraulic systems near water, in forestry and in other environmentally sensitive areas
 - ▶ Replaces and mixes freely with petroleum based hydraulic oils

- 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
 - ▶ USDA BioPreferred™ listed and approved
 - ▶ Manufactured from renewable USA-grown crop based oils

- PERFORMANCE LEVELS**
- ▶ Exceeds Vickers 20-VQ and 104C Vane Pump Tests
 - ▶ Passes Vickers 35-VQ Vane Pump Test

TYPICAL PROPERTIES	Property	Method	Value
	ISO Viscosity Grade		32
	Base Oil Viscosity at 40°C (cSt)	ASTM D-445	34.2
	Viscosity Index	ASTM D-2270	214
	Flash Point °C (°F)	ASTM D-92	208 (406)
	Pour Point °C (°F)	ASTM D-97	-36 (-33)
	Rust & Corrosion	ASTM D-130	1A
	Base Oil Biodegradability	OECD	Pass
	Base Oil Aquatic Toxicity	Daphnia Magna	Non-toxic

PACKAGING 5-Gallon Plastic Pail 55-Gallon Drum

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