

# ECO SYNTHETIC HYDRAULIC OIL

## APPLICATIONS

- Hydraulic systems in environmentally sensitive areas.
- Offshore drilling
- Forestry
- Applications near inland lakes
- For all hydraulic systems using gear, piston, or vane pumps
- High temperature bearing lubrication
- Antiwear circulating lubricant

ISO   
**9001:2008**  
 REGISTERED

**DSI**  
 Ventures, Inc.

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## Your Complete Source for Biodegradable Lubricants

Seeking an environmentally friendly synthetic hydraulic oil solution? We have your answer. Introducing **ECO Hydraulic Oil** from DSI Ventures, Inc.

**DSI ECO Synthetic Ester Biodegradable Hydraulic Fluid** meets the world's most stringent environmental standards! We manufacture our lubricants with environmentally sensitive applications in mind using **synthetic ester base oils**. The fluid is a stable, high performing lubricant that provides outstanding stability, lubricity, and protection for your equipment—all while minimizing adverse environmental impact.

**ECO Synthetic Ester Hydraulic Fluids** are stable during use, yet break down easily in case of accidental spill to the environment. The base oil used to make the solution is more than 88% biodegradable in standard CEC-L33a tests, making it the readily biodegradable solution you've been seeking.

**ECO Synthetic Ester Hydraulic Fluid** is suitable for use in any hydraulic application with a system tank temperature of 120 C. or below. ECO Hydraulic Fluid is blended to meet the following specifications: Denison HF-0, Vickers 104-C, and Cincinnati Milacron P69, P70.

### Available Packaging:

5 Gal. Pails, 55 Gal. Drums, 275 Gal. Totes, and Bulk Quantities.

## ECO-FRIENDLY BENEFITS

- Protects hydraulic pumps against wear and corrosion
- Compatible with hydraulic system seals and components
- Reduces Maintenance Costs and Downtime
- Excellent High Temperature Protection
- 88% Biodegradable
- Extended drain intervals with renewable resources

### TYPICAL CHARACTERISTICS

	ISO Grade:	32	46	68	100
Viscosity, cSt @ 40° C .....		30	46	68	101
Flash Point, °C .....		275	275	275	283
Pour Point, °C .....		-45	-45	-39	-27
4-Ball Wear Test, scar mm .....		----- 0.36 -----			
RBOT ASTM D2272, Minutes .....		----- 1,000+ -----			
Copper Corrosion Test D30, 24 Hrs @ 121C .....		----- 1B -----			

Additional technical information available on request

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