

ECO SYNTHETIC BIODEGRADABLE™ HYDRAULIC FLUID

DSI ECO Synthetic Hydraulic Fluids are *highly biodegradable* lubricants for use in applications where environmental impact must be minimized. The non-aromatic base oils used to make ECO Hydraulic Fluids are more than 98% biodegradable in standard tests. **ECO Hydraulic Fluids** offer excellent equipment protection, extended drain intervals and outstanding stability at high temperatures. They pass the U.S. Coast Guard Static Sheen Tests. **ECO Hydraulic Fluids** have the excellent antiwear and film strength characteristics necessary for critical hydraulic systems operating under medium to high pressure.

ECO Hydraulic Fluids are made to meet the requirements of standard industrial and mobile hydraulic applications, including Denison, HF-O, Vickers 104-C and 35VQ25, Sundstrand and Cincinnati Milacron P-68, P-69 and P-70 specifications. These ashless fluids are recommended for use in all types of hydraulic systems and provide outstanding high temperature stability and protection for your equipment. They resist oxidation, wear, and corrosion better than petroleum or lower quality synthetic oils. **ECO Synthetic Hydraulic Fluids** are excellent in a variety of R&O applications, and are compatible with seals and materials used with petroleum oils.

Available in ISO grades 32, 46, 68 and 100

APPLICATIONS

- Hydraulic systems in environmentally sensitive areas:
- ❖ Offshore drilling, construction, forestry and applications near inland lakes
- ❖ For all hydraulic systems using gear, piston or vane pumps
- ❖ High temperature bearing lubrication
- ❖ Antiwear circulating lubricant

BENEFITS

- ❖ ECO Fluids use base oils are almost completely biodegradable
- ❖ Extended Drain Intervals
- ❖ Reduces Maintenance Costs and Downtime
- ❖ Excellent High Temperature Protection
- ❖ Protects hydraulic pumps against wear and corrosion
- Compatible with hydraulic system seals

TYPICAL CHARACTERISTICS	ISO Grade:	32	46	68	100
Viscosity, cSt @ 40° C		33	44	64	95
Flash Point, °C		240	248	260	266
Flash Point, °F		465	470	480	490
Static Sheen Test		_____	_____	Pass	_____
RBOT ASTM D2272, Minutes		_____	_____	1,700+	_____
Copper Corrosion Test D30, 24 hrs @ 121C		_____	_____	1B	_____

Additional technical information available on request.

