

INTERLUBE IL-HFSYN-SERIES

BIODEGRADABLE SYNTHETIC HYDRAULIC OIL

IL-HFSYN-SERIES

DESCRIPTION :

IL-HFSYN-SERIES is a biodegradable synthetic oil specially designed to meet the environmental requirements of mobile or fixed hydraulic systems operating in sensitive areas.

IL-HFSYN-SERIES is formulated based on synthetic esters whose performance is perfectly suited to hydraulic installations operating under severe conditions and requiring fluids with excellent thermal stability (very low and very high temperature).

Due to its excellent biodegradability and very low ecotoxicity, it is particularly recommended for reducing environmental impacts when accidental contamination of a sensitive environmental area may occur: forestry activities, public works, construction, rivers, agriculture, offshore, catchment areas water, mountains, etc.

IL-HFSYN-SERIES is recommended for vane, gear or piston pumps, mobile or stationary, operating under high or low pressures and temperatures ranging from 45°C up to 100°C.

Biodegradable oil is compatible with most synthetic or mineral hydraulic oils. However, for optimum performance, it is recommended that systems be flushed and cleaned prior to transitioning to .Thermal-Lube recommends the use of LCF5111 Cleaning and Flushing Fluid through its analysis program. Interlube can certify that your equipment uses a biodegradable fluid that meets the OECD 301B standard.

- ◆ Biodegradable formula (OECD 301b \geq 80%)
- ◆ Hydrolytic and thermal stability
- ◆ Low aquatic toxicity
- ◆ Composed of a minimum of 80% renewable materials
- ◆ Effective operation over a wide temperature range (-45°C to 100°C).
- ◆ Resists oxidation helps extend oil change intervals
- ◆ Anti-foam and anti-rust protection
- ◆ Compatible with gaskets
- ◆ Easily separates from water and debris
- ◆ Keeps the system clean longer
- ◆ Exceptional wear protection

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- IL-HFSYN-SERIES meets or exceeds the following specifications:
- Cincinnati Machine P-68, P-69, P-70
- U.S. Steel 127, 136 / German Steel SEB 181222
- DIN 51524 Parts 1 and 2, Type HLP
- DIN 51506, VDL
- GE Turbine Specifications [GEK 32568E (ISO 32) & GEK 28143A]
- Denison HF-0, HF-1, HF-2
- ISO 11158:1997, Family H, Type HM
- Bosch Rexroth RE 90220, Type HLP
- Eaton Vickers, I-286-S, M-2950, 35VQ25

INTERLUBE IL-HFSYN-SERIES		TEST METHOD	/015	/022	/032	/046	/068
Code de produit							
ISO GRADE :		15	22	32	46	68	
Viscosity (cSt @ 40°C)	ASTM D-445	15.23	22.13	29	44.2	65	
Viscosity (cSt @ 100°C)	ASTM D-445	4.04	5.49	7	8.51	12.57	
Viscosity Index	ASTM D-2270	177	203	218	173	198	
Flash Point (°C)		220	220	220	220	320	
Pour Point (°C)	ASTM D-97	-60	-60	-56	-54	-30	
Specific gravity (g/ml)		0.899	0.895	0.901	0.907	0.904	
Color		LIGHT YELLOW					
OECD 301B (28 day) % biodegradation		80	80	80	80	76	