



35585 Curtis Boulevard • Eastlake, Ohio 44095 • (440) 951-8633 • (440) 951-4341 FAX

EnviroLogic[®] 146 H

Biodegradable Hydraulic Fluid

Description

EnviroLogic[®]146H Hydraulic Fluid is a readily biodegradable ISO 46 grade hydraulic oil for use in high temperature and EP hydraulic applications. EnviroLogic[®] 146H is based on natural ester technology and is a direct replacement for petroleum oil based hydraulic fluids. EnviroLogic[®] 146H exceeds the requirements of petroleum oil based hydraulic fluids and has excellent antiwear and EP characteristics.

Typical Properties

Flash Point, °C	ASTM D-92	>250
Specific Gravity, 60° F	ASTM D-1298	0.92
Viscosity @ 40° C, cSt.	ASTM D-445	49.0
Viscosity @ 100° C, cSt.	ASTM D-445	10.5
Viscosity Index	ASTM D-2270	200
Pour Point, °C	ASTM D-97	-36

Performance Properties

Foam Sequence I, II, III	ASTM D-892	Pass
Copper Corrosion 3 hours @ 100° C	ASTM D-130	1a
Rust , ASTM D-665 A (Distilled Water)		Pass
Rust, ASTM D-665 B (Synthetic Sea Water)		Pass



"Solutions for a Greener World"



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Oxidative Stability , ASTM D-2272 RBOT , min. to 25 psi loss	180
Four Ball Wear, ASTM D-4172 1 hr. , 167° F , 1800 rpm , 40 kg., scar mm.	0.40
Timken Wear, ASTM D-2782 OK Load , lbs.	50
Biodegradability (%) CEC L-33 T-82	91
Static Oxidation Test 168 hrs. @ 150° C condition of beaker	clean