

*LUBRISILK TURBINE FLUID***DESCRIPTION: LSTF**

FEATURES: LubriSilk LSTF is an ash less, multifunctional hydraulic fluid suitable for most applications where biodegradability, and performance are required.

Contains no Zinc or other heavy metals.

Extended oil life and pump durability.

Antiwear and EP performance

Filterability and Demulsibility

Excellent thermal and oxidation stability.

Compatible with most other hydraulic fluids.

Biodegradable.

PERFORMANCE CHARACTERISTICS:

<u>TEST</u>	<u>METHOD</u>	<u>RESULT</u>
Copper Corrosion	D-130	1B
Steel Corrosion	D- 665 A, B	Pass
Demulsability	D-1401	40-40-0 (15)
Foam	D-892	
Sequence 1		0/0
Sequence 11		0/0
Sequence 111		20/0
Thermal Stability	D-2070	
Appearance of copper rod		6
Appearance of steel rod		2
Sludge, mg/100mL		2.8
Hydrolytic Stability	D-2619	
Copper wt. loss mg/cm ²		.034
TAN, Water layer		3.7

Pg. 2

Filtration	Denison	
Time to filter dry, s		165
Time to filter , 2% water, s		244
Wear, four ball , scar, mm	D-4172	
Condition-40kg, 1800 rpm,130F.,1hr.		.40
Oxidation, hr.	D-943	7600
Oxidation, 1000 hr.	D-4310	
Cu, mg		10.7
Fe, mg.		<1
Total Sludge, mg.		24.6
EP, Four Ball	D-2783	
LWI		33.95
Weld Load, kg.		126
Vane Pump	D-2882	
Vane and Ring loss, mg		<1

PROPERTIES

ISO VG	ASTM D-2422	32/46
SAE GRADE		5W-20
VISCOSITY INDEX	ASTM D-2270	187
SPECIFIC GRAVITY	ASTM D-1298	.918
FLASH POINT	ASTM-D92	310 C.
FIRE POINT	ASTM D-92	>350 C.
POUR POINT	ASTM D-97	-45 C.
BIODEGRADABILLITY	CEC L-33-T-82	80
DILECTRIC STRENGTH	ASTM D-877	48kV

PRODUCT PACKAGE

5 GAL PAILS
55 GAL DRUMS

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