

# WEAR NORMAL CONTAMINATION NORMAL FLUID CONDITION NORMAL

#### Machine Id SUTPHIN 971 Component Hydraulic System Fluid DEXRON III (--- QTS)

RECOMMENDATION

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) DEXRON III. Please confirm.

### **WEAR**

All component wear rates are normal.

### CONTAMINATION

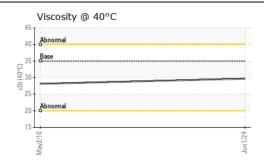
There is no indication of any contamination in the oil.

## FLUID CONDITION

The condition of the oil is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0938813	KLM1192970	
Sample Date		Client Info		01 Jun 2024	02 May 2010	
Machine Age	hrs	Client Info		0	0	
Oil Age	hrs	Client Info		0	0	
Filter Age	hrs	Client Info		0	0	
Oil Changed		Client Info		N/A	Changed	
Filter Changed		Client Info		N/A	Changed	
Sample Status				NORMAL	NORMAL	
Iron		ASTM D5185m	. 20	4	4	
Iron Chromium	ppm	ASTM D5185m	>20	-	1 <1	
	ppm		>10	<1		
Nickel Titanium	ppm	ASTM D5185m ASTM D5185m	>10	<1	0	
Silver	ppm			<1	0	
	ppm	ASTM D5185m	. 10	<1	0	
Aluminum	ppm	ASTM D5185m	>10	2	9	
Lead	ppm	ASTM D5185m	>10	<1	11	
Copper	ppm	ASTM D5185m	>75	21	4	
Tin	ppm	ASTM D5185m	>10	<1	1	
Vanadium	ppm	ASTM D5185m		<1		
White Metal	scalar	*Visual	NONE	NONE	NONE	
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	
Silicon	scalar ppm	*Visual ASTM D5185m	>20	NONE 4	NONE 0	
Silicon	ppm	ASTM D5185m	>20	4	0	
Silicon Potassium	ppm	ASTM D5185m ASTM D5185m	>20 >20	4 2	0 4	
Silicon Potassium Water	ppm ppm	ASTM D5185m ASTM D5185m WC Method	>20 >20 >20 >0.1	4 2 NEG	0 4 NEG	
Silicon Potassium Water Silt	ppm ppm scalar	ASTM D5185m ASTM D5185m WC Method *Visual	>20 >20 >0.1 NONE	4 2 NEG NONE	0 4 NEG NONE	  
Silicon Potassium Water Silt Debris	ppm ppm scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual	>20 >20 >0.1 NONE NONE	4 2 NEG NONE NONE	0 4 NEG NONE NONE	  
Silicon Potassium Water Silt Debris Sand/Dirt	ppm ppm scalar scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual	>20 >20 >0.1 NONE NONE NONE	4 2 NEG NONE NONE NONE	0 4 NEG NONE NONE	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance	ppm ppm scalar scalar scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual	>20 >20 >0.1 NONE NONE NONE NORML	4 2 NEG NONE NONE NONE NORML	0 4 NEG NONE NONE NONE NORM	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water	ppm ppm scalar scalar scalar scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual	>20 >20 >0.1 NONE NONE NORE NORML	4 2 NEG NONE NONE NONE NORML NORML NEG	0 4 NEG NONE NONE NONE NORML NORML NEG	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium	ppm ppm scalar scalar scalar scalar scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m	>20 >20 >0.1 NONE NONE NORE NORML	4 2 NEG NONE NONE NORML NORML NEG 7	0 4 NEG NONE NONE NORML NORML NEG 8	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron	ppm ppm scalar scalar scalar scalar scalar scalar gppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m	>20 >20 >0.1 NONE NONE NORE NORML	4 2 NEG NONE NONE NORML NORML NEG 7 56	0 4 NEG NONE NONE NORML NORML NEG 8 49	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium	ppm ppm scalar scalar scalar scalar scalar scalar ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m	>20 >20 >0.1 NONE NONE NORE NORML	4 2 NEG NONE NONE NORML NORML NEG 7 56 2	0 4 NEG NONE NONE NONE NORML NORML NEG 8 49 <1	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum	ppm ppm scalar scalar scalar scalar scalar scalar ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m	>20 >20 >0.1 NONE NONE NORE NORML	4 2 NEG NONE NONE NORML NORML NEG 7 56 2 1	0 4 NEG NONE NONE NORML NORML NEG 8 49 <1 1	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese	ppm ppm scalar scalar scalar scalar scalar scalar ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>20 >20 >0.1 NONE NONE NORE NORML	4 2 NEG NONE NONE NORML NORML NEG 7 56 2 1 56 2 1	0 4 NEG NONE NONE NORML NORML NEG 8 49 <1 1 1	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium	ppm ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>20 >20 >0.1 NONE NONE NORE NORML	4 2 NEG NONE NONE NORML NORML NEG 7 56 2 1 56 2 1 <1 3	0 4 NEG NONE NONE NORML NORML NEG 8 49 <1 1 1 <1 0	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium	ppm ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>20 >20 >0.1 NONE NONE NORE NORML	4 2 NEG NONE NONE NORML NORML NEG 7 56 2 1 56 2 1 <1 3 104	0 4 NEG NONE NONE NORML NORML NEG 8 49 <1 1 <1 0 8	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium	ppm ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>20 >20 >0.1 NONE NONE NORE NORML	4 2 NEG NONE NONE NORML NORML NEG 7 56 2 1 <1 <1 3 104 269	0 4 NEG NONE NONE NORML NORML NEG 8 49 <1 1 <1 <1 0 8 1 202	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium	ppm ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>20 >20 >0.1 NONE NONE NORE NORML	4 2 NEG NONE NONE NORML NORML NEG 7 56 2 1 56 2 1 3 104 269 151	0 4 NEG NONE NONE NORML NORML NEG 8 49 <1 1 1 <1 0 8 8 49 202 107	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium	ppm ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>20 >20 >0.1 NONE NONE NORE NORML	4 2 NEG NONE NONE NORML NORML NEG 7 56 2 1 <1 <1 3 104 269	0 4 NEG NONE NONE NORML NORML NEG 8 49 <1 1 <1 <1 0 8 1 202	

Contact/Location: RAY DUNN - CARCARNC



Ferrous Alloys 10 mdd 0 Non-ferrous Metals 23 20 18 10 14 12 8 Civel Viscosity @ 40°C 42 ar 38 31 3 32 (40°C) ŝ 28 26 24 Ał 20 18 Jun1/24 -Mav2/1



: WearCheck USA - 501 Madison Ave., Cary, NC 27513 CARRBORO FIRE DEPT. Laboratory Sample No. : WC0938813 Received : 27 Jun 2024 301 W. MAIN ST. Lab Number : 06222755 Tested : 28 Jun 2024 CARRBORO, NC Unique Number : 11100952 Diagnosed : 28 Jun 2024 - Wes Davis US 27510 Test Package : FLEET Contact: RAY DUNN Certificate L2367 To discuss this sample report, contact Customer Service at 1-800-237-1369. rdunn@townofcarrboro.org \* - Denotes test methods that are outside of the ISO 17025 scope of accreditation. T: Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) F: (919)932-5359

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