

# WEAR NORMAL CONTAMINATION NORMAL FLUID CONDITION NORMAL

#### Machine Id **E-ONE LADDER 50** Component **Hydraulic System** Fluid {not provided} (---- QTS)

RECOMMENDATION

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.

#### **WEAR**

All component wear rates are normal.

### CONTAMINATION

There is no indication of any contamination in the oil.

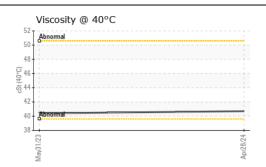
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## FLUID CONDITION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0930897	WC0818266	
Sample Date		Client Info		28 Apr 2024	31 May 2023	
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		Not Changd	Not Changd	
Filter Changed		Client Info		Not Changd	Not Changd	
Sample Status				NORMAL	ABNORMAL	
Iron		ASTM D5185m	>20	3	5	
Chromium	ppm	ASTM D5185m	>20	0	5 <1	
Nickel	ppm	ASTM D5185m	>10	0	<1	
Titanium	ppm	ASTM D5185m	>10	0	<1	
Silver	ppm	ASTM D5185m		0	0	
Aluminum	ppm	ASTM D5185m	>10	0	0	
Lead	ppm	ASTM D5185m	>10	0	<1	
	ppm	ASTM D5185m	>75	76	74	
Copper Tin	ppm	ASTM D5185m		76 0		
	ppm		>10	0	<1 0	
Vanadium White Metal	ppm	ASTM D5185m	NONE		NONE	
	scalar	*Visual		NONE		
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	
Silicon	ppm	ASTM D5185m	>20	6	7	
Silicon Potassium	ppm ppm	ASTM D5185m ASTM D5185m	>20 >20	6 2	7	
Potassium		ASTM D5185m	>20	2	4	
Potassium Water	ppm	ASTM D5185m WC Method	>20 >0.1	2 NEG	4 NEG	
Potassium Water Silt	ppm scalar	ASTM D5185m WC Method *Visual	>20 >0.1 NONE	2 NEG NONE	4 NEG NONE	
Potassium Water Silt Debris	ppm scalar scalar	ASTM D5185m WC Method *Visual *Visual	>20 >0.1 NONE NONE	2 NEG NONE NONE	4 NEG NONE MODER	
Potassium Water Silt Debris Sand/Dirt	ppm scalar scalar scalar	ASTM D5185m WC Method *Visual *Visual *Visual	>20 >0.1 NONE NONE NONE	2 NEG NONE NONE NONE	4 NEG NONE MODER NONE	   
Potassium Water Silt Debris Sand/Dirt Appearance	ppm scalar scalar scalar scalar	ASTM D5185m WC Method *Visual *Visual *Visual *Visual	>20 >0.1 NONE NONE NONE	2 NEG NONE NONE NONE NORML	4 NEG NONE MODER NONE NORML	    
Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water	ppm scalar scalar scalar scalar scalar scalar	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual	>20 >0.1 NONE NONE NORML NORML	2 NEG NONE NONE NORML NORML NEG	4 NEG NONE MODER NONE NORML NORML NEG	   
Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium	ppm scalar scalar scalar scalar scalar scalar ppm	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m	>20 >0.1 NONE NONE NORML NORML	2 NEG NONE NONE NORML NORML NEG 3	4 NEG NONE MODER NORML NORML NEG	    
Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron	ppm scalar scalar scalar scalar scalar scalar ppm	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m	>20 >0.1 NONE NONE NORML NORML	2 NEG NONE NONE NORML NORML NEG 3 33	4 NEG NONE NORML NORML NEG <1 36	
Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium	ppm scalar scalar scalar scalar scalar scalar ppm ppm	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m	>20 >0.1 NONE NONE NORML NORML	2 NEG NONE NONE NORML NORML NEG 3 33 33	4 NEG NONE MODER NORML NORML NEG <1 36 0	    
Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum	ppm scalar scalar scalar scalar scalar scalar ppm ppm ppm	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m	>20 >0.1 NONE NONE NORML NORML	2 NEG NONE NONE NORML NEG 3 33 0 1	4 NEG NONE NORML NORML NEG <1 36 0 <1	
Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese	ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>20 >0.1 NONE NONE NORML NORML	2 NEG NONE NONE NORML NORML NEG 3 33 0 1 0	4 NEG NONE NONE NORML NORML NEG <1 36 0 <1 36 0 <1 36	
Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Barium Molybdenum Manganese	ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>20 >0.1 NONE NONE NORML NORML	2 NEG NONE NONE NORML NORML NEG 3 33 33 0 1 0 1 0	4 NEG NONE MODER NORML NORML NEG <1 36 0 <1 36 0 <1 31 31	
Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Barium Malybdenum Manganese Magnesium	ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>20 >0.1 NONE NONE NORML NORML	2 NEG NONE NONE NORML NORML NEG 3 33 0 1 0 1 0 10 1355	4 NEG NONE MODER NORML NORML NEG <1 36 0 <1 <1 <1 <1 13 1289	
Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Barium Malybdenum Manganese Magnesium Calcium	ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>20 >0.1 NONE NONE NORML NORML	2 NEG NONE NONE NORML NORML NEG 3 33 0 1 1 0 10 1355 672	4 NEG NONE NONE NORML NORML NEG <1 36 0 <1 <1 36 0 <1 13 1289 630	
Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Barium Malybdenum Manganese Magnesium Calcium Phosphorus	ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm ppm ppm	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 >0.1 NONE NONE NORML NORML	2 NEG NONE NONE NORML NORML NEG 3 3 33 0 1 0 1 0 10 1355 672 794	4 NEG NONE MODER NORML NORML NORML NEG <1 36 0 <1 36 0 <1 13 1289 630 787	
Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Barium Malybdenum Manganese Magnesium Calcium	ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>20 >0.1 NONE NONE NORML NORML	2 NEG NONE NONE NORML NORML NEG 3 33 0 1 1 0 10 1355 672	4 NEG NONE NONE NORML NORML NEG <1 36 0 <1 <1 36 0 <1 13 1289 630	

Contact/Location: GREG STOFER - OGAOGA





: WearCheck USA - 501 Madison Ave., Cary, NC 27513 OGALLALA VOLUNTEER FIRE DEPT Laboratory Sample No. : WC0930897 Received : 10 May 2024 409 E 2ND ST Lab Number : 06176403 Tested : 13 May 2024 OGALLALA, NE Unique Number : 11022456 Diagnosed : 13 May 2024 - Wes Davis US 69153 Test Package : FLEET Contact: GREG STOFER Certificate L2367 To discuss this sample report, contact Customer Service at 1-800-237-1369. \* - Denotes test methods that are outside of the ISO 17025 scope of accreditation. T: (308)264-4553 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

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