

WEAR NORMAL CONTAMINATION NORMAL FLUID CONDITION NORMAL

Machine Id E-ONE LADDER 11 Component Hydraulic System Fluid NOT GIVEN (--- GAL)

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

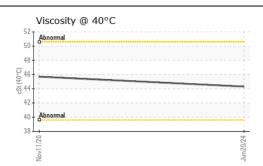
There is no indication of any contamination in the oil.

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		WC0947568	WC0499472	
Sample Date		Client Info		20 Jun 2024	11 Nov 2020	
Machine Age	mls	Client Info		757	757	
Oil Age	mls	Client Info		757	0	
Filter Age	mls	Client Info		0	0	
Oil Changed		Client Info		N/A	Not Changd	
Filter Changed		Client Info		N/A	Not Changd	
Sample Status				NORMAL	NORMAL	
			00		4	
Iron	ppm	ASTM D5185m	>20	1	1	
Chromium	ppm	ASTM D5185m	>10	0	0	
Nickel	ppm	ASTM D5185m	>10	0	0	
Titanium	ppm	ASTM D5185m		0	0	
Silver	ppm	ASTM D5185m	. 10	0	0	
Aluminum	ppm	ASTM D5185m	>10	0	<1	
Lead	ppm	ASTM D5185m	>10	0	0	
Copper	ppm	ASTM D5185m	>75	6	2	
Tin	ppm	ASTM D5185m	>10	0	<1	
Vanadium	ppm	ASTM D5185m	NONE	0		
White Metal	scalar	*Visual	NONE	NONE	NONE	
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	
Silicon	ppm	ASTM D5185m	>20	NONE 1	NONE 2	
Silicon	ppm	ASTM D5185m	>20	1	2	
Silicon Potassium	ppm	ASTM D5185m ASTM D5185m	>20 >20	1 0	2 0	
Silicon Potassium Water	ppm ppm	ASTM D5185m ASTM D5185m WC Method	>20 >20 >0.1	1 0 NEG	2 0 NEG	
Silicon Potassium Water Silt	ppm ppm scalar	ASTM D5185m ASTM D5185m WC Method *Visual	>20 >20 >0.1 NONE	1 0 NEG NONE	2 0 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	1 0 NEG NONE NONE	2 0 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	1 0 NEG NONE NONE NONE	2 0 NEG NONE 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	1 0 NEG NONE NONE NONE NORML	2 0 NEG NONE NONE NONE NORML	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water	ppm ppm scalar scalar scalar scalar scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual	>20 >20 >0.1 NONE NONE NONE NORML	1 0 NEG NONE NONE NORE NORML NEG	2 0 NEG 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 ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m	>20 >20 >0.1 NONE NONE NONE NORML	1 0 NEG NONE NONE NORML NORML NEG 2	2 0 NEG NONE NONE NORML NORML NEG 0	
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 NONE NORML	1 0 NEG NONE NONE NORML NORML NEG 2 0	2 0 NEG NONE NONE NORML NORML NEG 0 1	
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 NONE NORML	1 0 NEG NONE NONE NORML NORML NEG 2 0 0	2 0 NEG NONE NONE NORML NORML NORML NEG 0 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 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 NONE NORML	1 0 NEG NONE NONE NORML NORML NEG 2 0 0 0	2 0 NEG NONE NONE NORML NORML NEG 0 1 0 2	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese	ppm ppm scalar scalar scalar scalar scalar gpm 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 NONE NORML	1 0 NEG NONE NONE NORML NORML NEG 2 0 0 0 0 0	2 0 NEG NONE NONE NORML NORML NEG 0 1 0 1 0 2 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	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>20 >20 >0.1 NONE NONE NONE NORML	1 0 NEG NONE NONE NORML NORML NEG 2 0 0 0 0 0 0 0 1 0	2 0 NEG NONE NONE NORML NORML NEG 0 1 0 <1 0 <1 0 0	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Malybdenum 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 NONE NORML	1 0 NEG NONE NONE NORML NORML NEG 2 0 0 0 0 0 2 1 0 0 0 42	2 0 NEG NONE NONE NORML NORML NEG 0 1 0 4 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium 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 NONE NORML	1 0 NEG NONE NONE NORML NORML NEG 2 0 0 0 0 2 0 0 0 0 0 0 0 0 0 0 0 0 0	2 0 NEG NONE NONE NORML NORML NEG 0 1 0 1 0 2 1 0 0 4 5 296	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Malybdenum 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 NONE NORML	1 0 NEG NONE NONE NORML NORML NEG 2 0 0 0 0 (0 0 (0 0 2 1 0 0 42 273 333	2 0 NEG NONE NONE NORML NORML NEG 0 1 0 4 1 0 2 1 0 0 4 5 296 341	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium 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 NONE NORML	1 0 NEG NONE NONE NORML NORML NEG 2 0 0 0 0 2 0 0 0 0 0 0 0 0 0 0 0 0 0	2 0 NEG NONE NONE NORML NORML NEG 0 1 0 1 0 2 1 0 0 4 5 296	

Submitted By: RANDY PRICE



Ferrous Alloys 10 mqq 0 Non-ferrous Metals 10 lead mdo Viscosity @ 40°C 52 51 50 49 48 4 41 (0°0+) 45 ŝ 44 43 47 41 40 39 38 Nov11/20



DECATUR TOWNSHIP FD Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513 Sample No. : WC0947568 Received : 11 Jul 2024 5410 S. HIGH SCHOOL RD. Lab Number : 06233718 Tested : 12 Jul 2024 INDIANAPOLIS, IN Unique Number : 11117211 Diagnosed : 12 Jul 2024 - Wes Davis US 46221 Test Package : FLEET Contact: PASCAL ARNES 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: (317)856-5400 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) F:

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