

#### Machine Id **E ONE LADDER-1 134006** Component Hydraulic System Fluid

AW HYDRAULIC OIL ISO 32 (--- LTR)

# 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

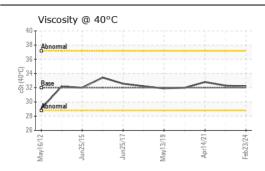
There is no indication of any contamination in the oil.

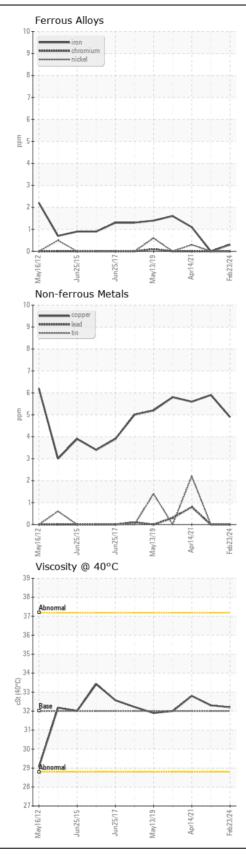
## FLUID CONDITION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0890691	WC0658096	WC0572863
Sample Date		Client Info		23 Feb 2024	16 Mar 2022	14 Apr 2021
Machine Age	hrs	Client Info		0	0	0
Oil Age	hrs	Client Info		0	0	0
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	Not Changd	N/A
Filter Changed		Client Info		N/A	Not Changd	N/A
Sample Status				NORMAL	NORMAL	NORMAL
Iron	ppm	ASTM D5185m	>20	<1	0	1
Chromium	ppm	ASTM D5185m	>10	0	0	0
Nickel	ppm	ASTM D5185m	>10	0	0	<1
Titanium	ppm	ASTM D5185m	210	0	0	0
Silver	ppm	ASTM D5185m		0	0	<1
Aluminum	ppm	ASTM D5185m	>10	0	0	1
Lead	ppm	ASTM D5185m	>10	0	0	<1
Copper	ppm	ASTM D5185m	>75	5	6	6
Tin	ppm	ASTM D5185m	>10	0	0	2
Vanadium	ppm	ASTM D5185m		0	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Ciliaan						
Silicon	ppm	ASTM D5185m	>20	0	0	1
Potassium		ASTM D5185m ASTM D5185m	>20 >20	0	0	1 20
Potassium Water	ppm ppm	ASTM D5185m ASTM D5185m WC Method	>20 >20 >0.1	0 0 NEG	0 0 NEG	1 20 NEG
Potassium Water Silt	ppm ppm scalar	ASTM D5185m ASTM D5185m WC Method *Visual	>20 >20 >0.1 NONE	0 0 NEG NONE	0 0 NEG NONE	1 20 NEG NONE
Potassium Water Silt Debris	ppm ppm scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual	>20 >20 >0.1 NONE NONE	0 0 NEG NONE NONE	0 0 NEG NONE NONE	1 20 NEG NONE NONE
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	0 0 NEG NONE NONE NONE	0 0 NEG NONE NONE	1 20 NEG NONE NONE
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	0 0 NEG NONE NONE NONE NORML	0 0 NEG NONE NONE NONE NORML	1 20 NEG NONE NONE NONE NORML
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	0 0 NEG NONE NONE NONE	0 0 NEG NONE NONE	1 20 NEG NONE NONE NONE
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	0 0 NEG NONE NONE NONE NORML NORML NEG	0 0 NEG NONE NONE NONE NORML NEG	1 20 NEG NONE NONE NORM NORML NEG
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 NORME NORML >0.1	0 0 NEG NONE NONE NORML NORML NEG 13	0 0 NEG NONE NONE NORML NORML NEG 15	1 20 NEG NONE NONE NORML NORML NEG 17
Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron	ppm ppm scalar scalar scalar scalar scalar scalar gpm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m	>20 >20 >0.1 NONE NORME NORML >0.1	0 0 NEG NONE NONE NORML NORML NEG 13 0	0 0 NEG NONE NONE NORML NORML NEG 15 <1	1 20 NEG NONE NONE NORML NORML NEG 17 0
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 NORML NORML >0.1	0 0 NEG NONE NONE NORML NORML NEG 13 0 0	0 0 NEG NONE NONE NORML NORML NORML NEG 15 <1 0	1 20 NEG NONE NONE NORML NORML NEG 17 0 0
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 NORME NORML >0.1	0 0 NEG NONE NONE NORML NORML NEG 13 0 0 0	0 0 NEG NONE NONE NORML NORML NEG 15 <1 0 1	1 20 NEG NONE NONE NORML NORML NEG 17 0 0
Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Malybdenum 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 NORME NORML >0.1	0 0 NEG NONE NONE NORML NORML NEG 13 0 0 0 0	0 0 NEG NONE NONE NORML NORML NEG 15 <10 0 1 0	1 20 NEG NONE NONE NORML NORML NEG 17 0 0 0 0
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	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 NORML >0.1 5 5 5 5 25	0 0 NEG NONE NONE NORML NORML NEG 13 0 0 0 0 0 0 0	0 0 NEG NONE NONE NORML NORML NEG 15 <1 0 1 0 1 0 3	1 20 NEG NONE NONE NORML NORML NEG 17 0 0 0 0 0 0 0
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 ASTM D5185m	>20 >20 >0.1 NONE NONE NORML NORML >0.1 5 5 5 5 5 2 2 200	0 0 NEG NONE NONE NORML NORML NEG 13 0 0 0 0 0 1 1 155	0 0 NEG NONE NONE NORML NORML NEG 15 (1 0 1 0 1 0 3 3 158	1 20 NEG NONE NONE NORML NORML NEG 17 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Barium Malybdenum 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	<ul> <li>&gt;20</li> <li>&gt;20</li> <li>&gt;0.1</li> <li>NONE</li> <li>NORML</li> <li>&gt;0.1</li> <li>5</li> <li>5</li> <li>5</li> <li>25</li> <li>200</li> <li>300</li> </ul>	0 0 NEG NONE NONE NORML NORML NEG 13 0 0 0 0 0 1 155 328	0 0 NEG NONE NONE NORML NORML NEG 15 <1 0 15 <1 0 15 <1 0 3 158 394	1 20 NEG NONE NONE NORML NORML NEG 17 0 0 0 0 0 0 0 4 162 371
Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc	ppm ppm scalar scalar scalar scalar ppm ppm 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 ASTM D5185m ASTM D5185m	>20 >20 >0.1 NONE NONE NORML >0.1 5 5 5 5 5 2 2 2 200 300 370	0 0 NEG NONE NONE NORML NORML NEG 13 0 0 0 0 0 1 155 328 384	0 0 NEG NONE NONE NORML NORML NEG 15 <1 0 1 0 1 0 3 158 394 407	1 20 NEG NONE NONE NORE NORML NEG 17 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
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	<ul> <li>&gt;20</li> <li>&gt;20</li> <li>&gt;0.1</li> <li>NONE</li> <li>NORML</li> <li>&gt;0.1</li> <li>5</li> <li>5</li> <li>5</li> <li>25</li> <li>200</li> <li>300</li> </ul>	0 0 NEG NONE NONE NORML NORML NEG 13 0 0 0 0 0 1 155 328	0 0 NEG NONE NONE NORML NORML NEG 15 <1 0 15 <1 0 15 <1 0 3 158 394	1 20 NEG NONE NONE NORML NORML NEG 17 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

Submitted By: RANDY PRICE





: WearCheck USA - 501 Madison Ave., Cary, NC 27513 JASPER FIRE DEPT. Laboratory Sample No. : WC0890691 Received : 18 Mar 2024 10 EAST 18TH ST. Lab Number : 06121257 Tested : 19 Mar 2024 JASPER, AL Unique Number : 10930090 Diagnosed : 19 Mar 2024 - Wes Davis US 35502 Test Package : FLEET Contact: DAVID CLARK Certificate L2367 To discuss this sample report, contact Customer Service at 1-800-237-1369. firechief@jaspercity.com;firesclerk@jaspercity.com \* - 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:

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Page 2 of 2