

#### Machine Id LADDER 6 Component Hydraulic System Fluid AW HYDRAULIC OIL ISO 32 (--- GAL)

# RECOMMENDATION

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) AW HYDRAULIC OIL ISO 32. Please confirm.

Please specify the component make and model with your next sample.

### **WEAR**

All component wear rates are normal.

### CONTAMINATION

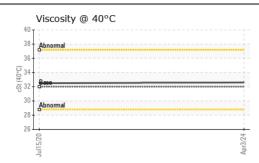
There is no indication of any contamination in the oil.

## 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		WC0906990	WC0472948	
Sample Date		Client Info		03 Apr 2024	15 Jul 2020	
Machine Age	hrs	Client Info		669	0	
Oil Age	hrs	Client Info		30	0	
Filter Age	hrs	Client Info		30	0	
Oil Changed		Client Info		Not Changd	Not Changd	
Filter Changed		Client Info		Not Changd	Not Changd	
Sample Status				NORMAL	NORMAL	
Iron		ASTM D5185m	>20	<1	1	
Chromium	ppm	ASTM D5185m	>20	0	<1	
Nickel	ppm	ASTM D5185m	>10	0	0	
Titanium	ppm	ASTM D5185m	>10	0	0	
Silver	ppm	ASTM D5185m		0	0	
Aluminum	ppm	ASTM D5185m	>10	0	0	
Lead	ppm	ASTM D5185m	>10	0	2	
Copper	ppm	ASTM D5185m	>75	1	2	
Tin	ppm	ASTM D5185m	>10	0	0	
Vanadium	ppm	ASTM D5185m	>10	0	0	
White Metal	ppm scalar	*Visual	NONE	NONE	NONE	
				-		
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	
Silicon	ppm	ASTM D5185m	>20	NONE <1	2 NONE	
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 >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 NORE NORML	<1 0 NEG NONE NONE NONE NORML 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 NORME NORML >0.1	<1 0 NEG NONE NONE NORML NORML NEG 1	2 0 NEG NONE NONE NORML NORML NEG <1	
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 NORME NORML >0.1	<1 0 NEG NONE NONE NORML NORML NEG 1 0	2 0 NEG NONE NONE NORML NORML NEG <1 <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 NORML NORML >0.1	<1 0 NEG NONE NONE NORML NORML NEG 1 0 0	2 0 NEG NONE NONE NORML NORML NEG <1 <1 0	
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 ASTM D5185m	>20 >20 >0.1 NONE NORME NORML >0.1	<1 0 NEG NONE NONE NORML NORML NEG 1 0 0	2 0 NEG NONE NONE NORML NORML NEG <1 <1 0 0	
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 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 NORML >0.1 5 5 5	<1 0 NEG NONE NONE NORML NORML NEG 1 0 0 0	2 0 NEG NONE NONE NORML NORML NEG <1 <1 0 0 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	>20 >20 >0.1 NONE NONE NORML >0.1 5 5 5 5 25	<1 0 NEG NONE NONE NORML NORML NEG 1 0 0 0 0 0 0 0	2 0 NEG NONE NONE NORML NORML NEG <1 <1 <1 0 0 0 0 0 3	
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 NORML NORML >0.1 5 5 5 5 2 2 200	<1 0 NEG NONE NONE NORML NORML NEG 1 0 0 0 0 0 0 0 0 0 0 1 79	2 0 NEG NONE NONE NORML NORML NEG <1 <1 0 0 0 0 0 3 86	
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	<ul> <li>&gt;20</li> <li>&gt;20</li> <li>&gt;0.1</li> <li>NONE</li> <li>NORME</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>	<1 0 NEG NONE NONE NORML NORML NEG 1 0 0 0 0 0 2 1 79 410	2 0 NEG NONE NONE NORML NORML NEG <1 <1 <1 0 0 0 0 3 86 409	
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	>20 >20 >0.1 NONE NONE NORML >0.1 5 5 5 5 5 2 2 2 0 0 300 370	<1 0 NEG NONE NONE NORML NORML NEG 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 0 NEG NONE NONE NORML NORML NEG <1 <1 <1 0 0 0 0 3 86 409 484	
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	<ul> <li>&gt;20</li> <li>&gt;20</li> <li>&gt;0.1</li> <li>NONE</li> <li>NORME</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>	<1 0 NEG NONE NONE NORML NORML NEG 1 0 0 0 0 0 2 1 79 410	2 0 NEG NONE NONE NORML NORML NEG <1 <1 <1 0 0 0 0 3 86 409	

Contact/Location: JOE CRIST - FAYFAYWV



Ferrous Alloys 10 mqq 0 Non-ferrous Metals 10 lead mdo Viscosity @ 40°C 39 38 37 36 35 34 (10°C) ŝ 32 3 30 29 28 27 Apr3/24



: WearCheck USA - 501 Madison Ave., Cary, NC 27513 **FAYETTE CO FIRE SERVICES** Laboratory Sample No. : WC0906990 Received : 19 Apr 2024 PO BOX 307 Lab Number : 06155406 Tested : 22 Apr 2024 FAYETTEVILLE, WV Unique Number : 10990829 Diagnosed : 22 Apr 2024 - Wes Davis US 25840 Test Package : FLEET Contact: JOE CRIST 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: Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) F:

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