

#### Machine Id LADDER 32 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.

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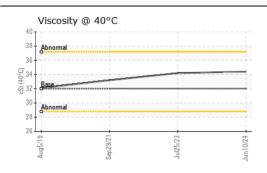
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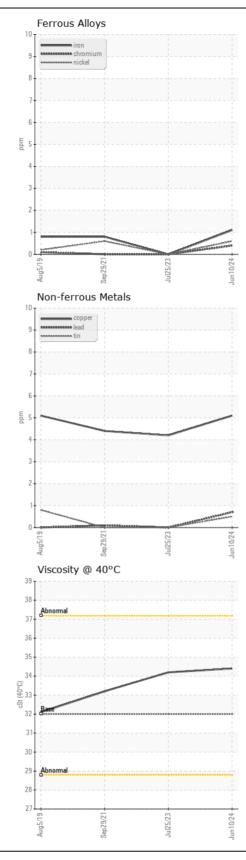
## FLUID CONDITION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0947542	WC0835866	WC0609538
Sample Date		Client Info		10 Jun 2024	25 Jul 2023	29 Sep 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		Not Changd	N/A	Not Changd
Filter Changed		Client Info		Not Changd	N/A	Not Changd
Sample Status				NORMAL	NORMAL	ABNORMAL
Iron	nnm	ASTM D5185m	>20	1	0	<1
Chromium	ppm	ASTM D5185m	>20	י <1	0	0
Nickel	ppm	ASTM D5105m ASTM D5185m	>10	<1	0	<1
Titanium	ppm	ASTM D5185m	>10	<1	0	0
Silver	ppm	ASTM D5185m		<1 <1	0	<1
Aluminum	ppm	ASTM D5185m	>10	2	-	0
Lead	ppm	ASTM D5185m	>10	2 <1	<1	<1
Copper	ppm	ASTM D5185m	>75	<1 5	4	4
Tin	ppm ppm	ASTM D5185m	>75 >10	ວ <1	4	4
Vanadium		ASTM D5185m	>10	<1	<1	0
White Metal	ppm scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
	Scalal	visuai				NONL
Silicon	ppm	ASTM D5185m	>20	18	18	<b>2</b> 3
Potassium	ppm	ASTM D5185m	>20	<1	0	0
Water		WC Method	>0.1	NEG	NEG	NEG
		WO MELIIOU	20.1	NEG	NLO	
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
	scalar scalar		-			NONE
Silt		*Visual	NONE	NONE	NONE	
Silt Debris	scalar	*Visual *Visual	NONE NONE	NONE	NONE	LIGHT
Silt Debris Sand/Dirt	scalar scalar	*Visual *Visual *Visual	NONE NONE NONE	NONE LIGHT NONE	NONE NONE NONE	LIGHT
Silt Debris Sand/Dirt Appearance	scalar scalar scalar	*Visual *Visual *Visual *Visual	NONE NONE NORML	NONE LIGHT NONE NORML	NONE NONE NORML	LIGHT NONE NORML
Silt Debris Sand/Dirt Appearance Odor Emulsified Water	scalar scalar scalar scalar scalar	*Visual *Visual *Visual *Visual *Visual *Visual	NONE NONE NORML NORML	NONE LIGHT NONE NORML NORML NEG	NONE NONE NORML NORML NEG	LIGHT NONE NORML NORML NEG
Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium	scalar scalar scalar scalar scalar ppm	*Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m	NONE NONE NORML NORML >0.1	NONE LIGHT NONE NORML NORML NEG 0	NONE NONE NORML NORML NEG	LIGHT NONE NORML NORML NEG
Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron	scalar scalar scalar scalar scalar ppm ppm	*Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m	NONE NONE NORML NORML >0.1	NONE LIGHT NONE NORML NEG 0 0	NONE NONE NORML NORML NEG <1 0	LIGHT NONE NORML NORML NEG <1 2
Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium	scalar scalar scalar scalar scalar ppm ppm	*Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m	NONE NONE NORML NORML >0.1 5 5	NONE LIGHT NONE NORML NEG 0 0 1	NONE NONE NORML NORML NEG <1 0 0	LIGHT NONE NORML NEG <1 2 0
Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum	scalar scalar scalar scalar scalar ppm ppm ppm	*Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m	NONE NONE NORML NORML >0.1	NONE LIGHT NONE NORML NEG 0 0 1 <1	NONE NONE NORML NORML NEG <1 0 0 0	LIGHT NONE NORML NEG <1 2 0 0
Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese	scalar scalar scalar scalar ppm ppm ppm ppm	*Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	NONE NONE NORML >0.1 5 5 5 5	NONE LIGHT NONE NORML NEG 0 0 1 <1 <1	NONE NONE NORML NORML NEG <1 0 0 0 0 <1	LIGHT NONE NORML NEG <1 2 0 0 0 0
Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium	scalar scalar scalar scalar ppm ppm ppm ppm ppm	*Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	NONE NONE NONE NORML >0.1 5 5 5 5 25	NONE LIGHT NONE NORML NEG 0 0 1 <1 <1 <1 <1 2	NONE NONE NORML NORML NEG <1 0 0 0 <1 3	<ul> <li>LIGHT</li> <li>NONE</li> <li>NORML</li> <li>NORML</li> <li>NEG</li> <li>&lt;1</li> <li>2</li> <li>0</li> <li>0</li> <li>0</li> <li>0</li> <li>&lt;1</li> </ul>
Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium	scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm	*Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	NONE NONE NORML NORML >0.1 5 5 5 5 2 2 200	NONE LIGHT NORML NORML NEG 0 0 1 <1 <1 <1 <1 2 29	NONE NONE NORML NORML NEG <1 0 0 0 0 <1 3 34	LIGHT NONE NORML NEG <1 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium	scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm	*Visual *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	NONE NORML NORML >0.1 5 5 5 5 25 25 200 300	NONE LIGHT NONE NORML NEG 0 1 <1 <1 <1 2 29 175	NONE NONE NORML NORML NEG <1 0 0 0 0 <1 3 34 168	LIGHT NONE NORML NEG <1 2 0 0 0 0 0 0 0 0 2 1 40 158
Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Barium Molybdenum Malybdenum Manganese Magnesium Calcium Phosphorus	scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm ppm ppm	*Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	NONE NORML NORML >0.1 5 5 5 5 2 2 2 0 0 300 3 70	NONE LIGHT NORML NORML NEG 0 0 1 <1 <1 <1 <1 2 29 175 156	NONE NONE NORML NORML NEG <1 0 0 0 (1 3 34 168 153	LIGHT NONE NORML NEG <1 2 0 0 0 0 0 0 0 ( 1 40 158 138
Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium	scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm	*Visual *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	NONE NORML NORML >0.1 5 5 5 5 25 25 200 300	NONE LIGHT NONE NORML NEG 0 1 <1 <1 <1 2 29 175	NONE NONE NORML NORML NEG <1 0 0 0 0 <1 3 34 168	LIGHT NONE NORML NEG <1 2 0 0 0 0 0 0 0 0 2 1 40 158

Submitted By: RANDY PRICE





OAK GROVE VOL FIRE DEPT

Certificate L2367

Test Package : FLEET 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. Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

: WearCheck USA - 501 Madison Ave., Cary, NC 27513

Received

Diagnosed

Tested

: 27 Jun 2024

: 28 Jun 2024

: 28 Jun 2024 - Wes Davis

710 BACKSDALE BLVD OAK GROVE, LA

US 71111 Contact: Service Manager

T:

F:

Laboratory

Sample No.

Lab Number : 06222718

Unique Number : 11100915

: WC0947542