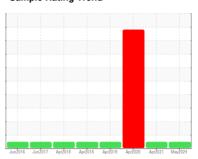


## **OIL ANALYSIS REPORT**

Sample Rating Trend







Machine Id

**E-ONE TRUCK 47** 

Component Hydraulic System

**AW HYDRAULIC OIL ISO 46 (--- PNT)** 

### Recommendation

Resample at the next service interval to monitor.

All component wear rates are normal.

### Contamination

There is no indication of any contamination in the

## **Fluid Condition**

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

Junž016 Junž017 Aprž018 Aprž018 Aprž019 Aprž020 Aprž020 Marž021 Marž024							
SAMPLE INFOR	MATION	method	limit/base	current	history1	history2	
Sample Number		Client Info		WC0930874	WC0572856	WC0451991	
Sample Date		Client Info		14 May 2024	10 Apr 2021	09 Apr 2020	
Machine Age	hrs	Client Info		161	0	0	
Oil Age	hrs	Client Info		161	0	0	
Oil Changed		Client Info		N/A	N/A	Not Changd	
Sample Status				NORMAL	NORMAL	SEVERE	
CONTAMINATIO	CONTAMINATION		limit/base currer		history1	history2	
Water		WC Method	>0.1	NEG	NEG NEG		
WEAR METALS		method	limit/base	current	history1	history2	
Iron	ppm	ASTM D5185m	>20	<1	1	<b>△</b> 33	
Chromium	ppm	ASTM D5185m	>10	<1	0	2	
Nickel	ppm	ASTM D5185m	>10	0	<1	0	
Titanium	ppm	ASTM D5185m		<1	0	<1	
Silver	ppm	ASTM D5185m		0	0	0	
Aluminum	ppm	ASTM D5185m	>10	4	0	10	
Lead	ppm	ASTM D5185m	>10	<1	0	2	
Copper	ppm	ASTM D5185m	>75	4	4	16	
Tin	ppm	ASTM D5185m	>10	<1	0	0	
Antimony	ppm	ASTM D5185m	>10		0	<1	
Vanadium	ppm	ASTM D5185m		0	0	0	
Cadmium	ppm	ASTM D5185m		0	0	41	
ADDITIVES	ppiii	method	limit/base	current	history1	history2	
Boron	ppm	ASTM D5185m	5	<1	<1	14	
Barium	ppm	ASTM D5185m	5	1	0	2	
Molybdenum		ASTM D5185m	5	0	0	4	
•	ppm	ASTM D5185m	5	0	0	1	
Manganese Magnosium	ppm	ASTM D5185m	25	5	3	41	
Magnesium	ppm	ASTM D5185m			60	443	
Calcium	ppm		200	66			
Phosphorus	ppm	ASTM D5185m	300	299	318	654	
Zinc	ppm	ASTM D5185m	370	365	372	742	
		AOTA A DELOE	0500		1100		
	ppm	ASTM D5185m	2500	1243	1139	528	
CONTAMINANTS		ASTM D5185m method	2500 limit/base	1243 current	1139 history1	history2	
CONTAMINANTS				current		history2	
CONTAMINANTS Silicon	6	method	limit/base	current	history1	history2	
CONTAMINANTS Silicon Sodium	ppm	method ASTM D5185m	limit/base	current	history1	history2	
CONTAMINANTS Silicon Sodium	ppm ppm	method ASTM D5185m ASTM D5185m	limit/base >20	current 7 0	history1 6 <1	history2  59 3	
CONTAMINANTS Silicon Sodium Potassium VISUAL	ppm ppm	method ASTM D5185m ASTM D5185m ASTM D5185m	limit/base >20 >20	current 7 0 2	history1  6 <1 28	history2  59 3 2	
CONTAMINANTS Silicon Sodium Potassium VISUAL White Metal	ppm ppm ppm	method ASTM D5185m ASTM D5185m ASTM D5185m method	limit/base >20 >20 limit/base	current 7 0 2 current	history1  6 <1 28 history1	history2  59 3 2 history2	
CONTAMINANTS Silicon Sodium Potassium VISUAL White Metal Yellow Metal	ppm ppm ppm	method ASTM D5185m ASTM D5185m ASTM D5185m method *Visual	limit/base >20 >20 limit/base NONE	current 7 0 2 current NONE	history1  6 <1 28 history1  NONE	history2  59 3 2 history2 NONE	
CONTAMINANTS Silicon Sodium Potassium  VISUAL White Metal Yellow Metal Precipitate	ppm ppm ppm scalar	method ASTM D5185m ASTM D5185m ASTM D5185m method *Visual	limit/base >20 >20 limit/base NONE NONE	current 7 0 2 current NONE NONE	history1  6 <1 28 history1  NONE NONE	history2  59 3 2 history2 NONE NONE	
CONTAMINANTS Silicon Sodium Potassium  VISUAL White Metal Yellow Metal Precipitate Silt	ppm ppm ppm scalar scalar scalar	method  ASTM D5185m  ASTM D5185m  ASTM D5185m  method  *Visual  *Visual  *Visual	limit/base >20 >20 limit/base NONE NONE NONE	current 7 0 2 current NONE NONE NONE	history1  6 <1 28 history1  NONE NONE NONE	history2  59 3 2 history2 NONE NONE NONE	
CONTAMINANTS Silicon Sodium Potassium  VISUAL White Metal Yellow Metal Precipitate Silt Debris	ppm ppm ppm scalar scalar scalar scalar	method ASTM D5185m ASTM D5185m ASTM D5185m method *Visual *Visual *Visual *Visual	limit/base >20 >20 limit/base NONE NONE NONE NONE	current 7 0 2 current NONE NONE NONE NONE	history1 6 <1 28 history1 NONE NONE NONE NONE	history2  59 3 2 history2 NONE NONE NONE NONE MODER	
CONTAMINANTS Silicon Sodium Potassium  VISUAL White Metal Yellow Metal Precipitate Silt Debris Sand/Dirt	ppm ppm ppm scalar scalar scalar scalar	method  ASTM D5185m ASTM D5185m ASTM D5185m method  *Visual *Visual *Visual *Visual *Visual *Visual	limit/base >20 >20 limit/base NONE NONE NONE NONE NONE NONE	current 7 0 2 current NONE NONE NONE NONE NONE NONE NONE	history1 6 <1 28 history1 NONE NONE NONE NONE NONE NONE NONE	history2  \$\times 59\$ 3 2  history2  NONE  NONE  NONE  NONE  MODER  MODER	
Silicon Sodium Potassium	ppm ppm ppm scalar scalar scalar scalar scalar	method  ASTM D5185m ASTM D5185m ASTM D5185m method  *Visual *Visual *Visual *Visual *Visual *Visual *Visual *Visual	limit/base >20 >20 limit/base NONE NONE NONE NONE NONE NONE NONE NON	current 7 0 2 current NONE NONE NONE NONE NONE NONE NONE NON	history1  6 <1 28 history1  NONE NONE NONE NONE NONE NONE NONE NO	history2  59 3 2 history2 NONE NONE NONE NONE MODER MODER NONE	

**Emulsified Water** 

scalar \*Visual

scalar \*Visual

>0.1

NEG

**NEG** 

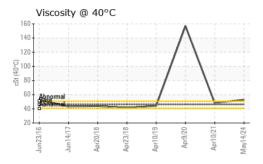
NEG

**8.0%** 

Sulpringed By: RANDY PRICE

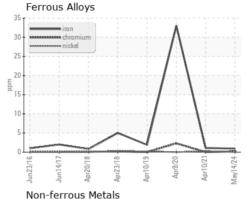


## **OIL ANALYSIS REPORT**

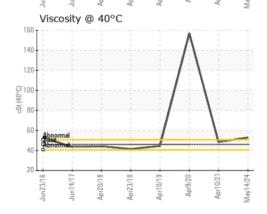


FLUID PROPE	RTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	46	52.9	48.3	<b>157</b>
SAMPLE IMAG	iES	method	limit/base	current	history1	history2
Color				no image	no image	no image
Bottom				no image	no image	no image

# **GRAPHS**



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E 8 6 4		$\vee$	1		
0 91/6	3/18	No or the State of	9/20	0/21	4/24





Certificate 12367

**Sample No.** : WC0930874 Lab Number : 06200971 Unique Number : 11063094 Test Package : FLEET

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 05 Jun 2024 Tested : 06 Jun 2024 Diagnosed

: 08 Jun 2024 - Don Baldridge

MONTGOMERY FIRE DEPT 3003 E SOUTH BLVD MONTGOMERY, AL US 36104

Contact: ALLEN WIGGINS

AWIGGINS@MONTGOMERYAL.GOV T: (334)625-2151

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)