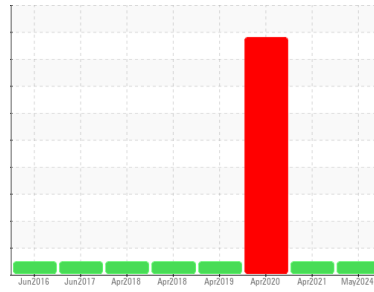




OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Machine Id
E-ONE TRUCK 47

Component
Hydraulic System

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

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

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.

SAMPLE INFORMATION		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

CONTAMINATION		method	limit/base	current	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	▲ 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		---	0	<1
Vanadium	ppm	ASTM D5185m		0	0	0
Cadmium	ppm	ASTM D5185m		0	0	41

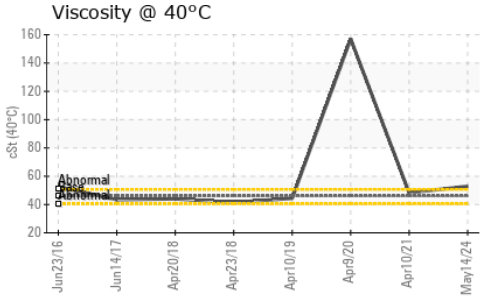
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	5	<1	<1	14
Barium	ppm	ASTM D5185m	5	1	0	2
Molybdenum	ppm	ASTM D5185m	5	0	0	4
Manganese	ppm	ASTM D5185m		0	0	1
Magnesium	ppm	ASTM D5185m	25	5	3	41
Calcium	ppm	ASTM D5185m	200	66	60	443
Phosphorus	ppm	ASTM D5185m	300	299	318	654
Zinc	ppm	ASTM D5185m	370	365	372	742
Sulfur	ppm	ASTM D5185m	2500	1243	1139	528

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>20	7	6	▲ 59
Sodium	ppm	ASTM D5185m		0	<1	3
Potassium	ppm	ASTM D5185m	>20	2	28	2

VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	▲ MODER
Debris	scalar	*Visual	NONE	NONE	NONE	▲ MODER
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.1	NEG	NEG	▲ 8.0%
Free Water	scalar	*Visual		NEG	NEG	▲ 1.0%



OIL ANALYSIS REPORT



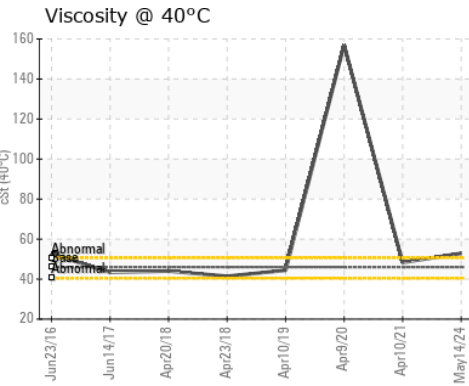
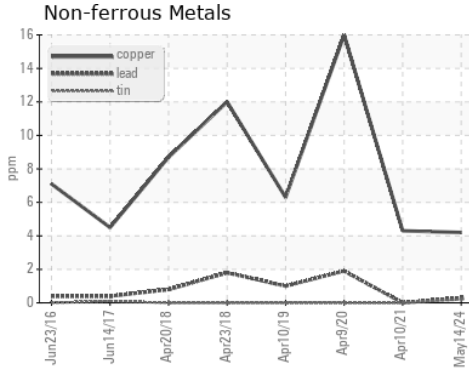
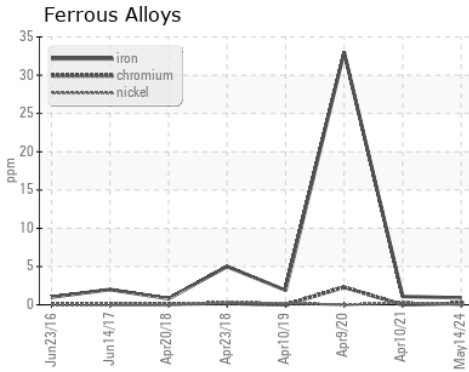
FLUID PROPERTIES

method	limit/base	current	history1	history2	
Visc @ 40°C	cSt ASTM D445	46	52.9	48.3	● 157

SAMPLE IMAGES

method	limit/base	current	history1	history2	
Color			no image	no image	no image
Bottom			no image	no image	no image

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0930874
Lab Number : 06200971
Unique Number : 11063094
Test Package : FLEET
Received : 05 Jun 2024
Tested : 06 Jun 2024
Diagnosed : 08 Jun 2024 - Don Baldrige

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)