



OIL ANALYSIS REPORT

Sample Rating Trend

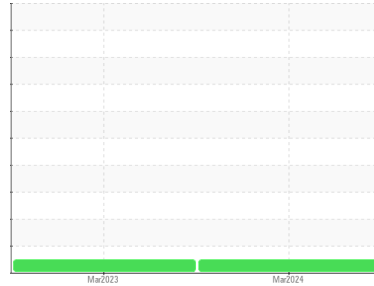
NORMAL



Machine Id
E-ONE LADDER 101

Component
Hydraulic System

Fluid
AW HYDRAULIC OIL ISO 32 (--- GAL)



DIAGNOSIS

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.

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	WC0906975	WC0790317	---
Sample Date	Client Info	03 Mar 2024	12 Mar 2023	---
Machine Age	hrs	0	1432	---
Oil Age	hrs	0	0	---
Oil Changed	Client Info	N/A	Not Chngd	---
Sample Status		NORMAL	NORMAL	---

CONTAMINATION

method	limit/base	current	history1	history2
Water	WC Method >0.1	NEG	NEG	---

WEAR METALS

method	limit/base	current	history1	history2
Iron	ppm ASTM D5185m >20	0	4	---
Chromium	ppm ASTM D5185m >10	0	<1	---
Nickel	ppm ASTM D5185m >10	0	0	---
Titanium	ppm ASTM D5185m	0	<1	---
Silver	ppm ASTM D5185m	0	0	---
Aluminum	ppm ASTM D5185m >10	0	0	---
Lead	ppm ASTM D5185m >10	0	<1	---
Copper	ppm ASTM D5185m >75	7	5	---
Tin	ppm ASTM D5185m >10	0	0	---
Vanadium	ppm ASTM D5185m	0	0	---
Cadmium	ppm ASTM D5185m	0	0	---

ADDITIVES

method	limit/base	current	history1	history2
Boron	ppm ASTM D5185m 5	0	0	---
Barium	ppm ASTM D5185m 5	0	0	---
Molybdenum	ppm ASTM D5185m 5	0	<1	---
Manganese	ppm ASTM D5185m	0	<1	---
Magnesium	ppm ASTM D5185m 25	3	4	---
Calcium	ppm ASTM D5185m 200	26	64	---
Phosphorus	ppm ASTM D5185m 300	349	354	---
Zinc	ppm ASTM D5185m 370	436	325	---
Sulfur	ppm ASTM D5185m 2500	3418	1175	---

CONTAMINANTS

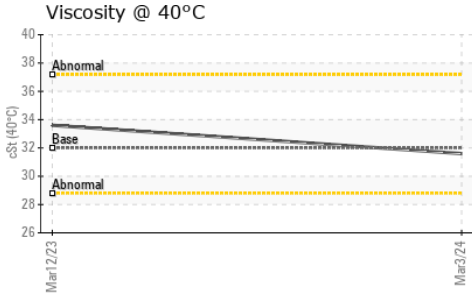
method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185m >20	0	2	---
Sodium	ppm ASTM D5185m	<1	<1	---
Potassium	ppm ASTM D5185m >20	0	0	---

VISUAL

method	limit/base	current	history1	history2
White Metal	scalar *Visual NONE	NONE	NONE	---
Yellow Metal	scalar *Visual NONE	NONE	NONE	---
Precipitate	scalar *Visual NONE	NONE	NONE	---
Silt	scalar *Visual NONE	NONE	NONE	---
Debris	scalar *Visual NONE	LIGHT	NONE	---
Sand/Dirt	scalar *Visual NONE	NONE	NONE	---
Appearance	scalar *Visual NORML	NORML	NORML	---
Odor	scalar *Visual NORML	NORML	NORML	---
Emulsified Water	scalar *Visual >0.1	NEG	NEG	---
Free Water	scalar *Visual	NEG	NEG	---



OIL ANALYSIS REPORT



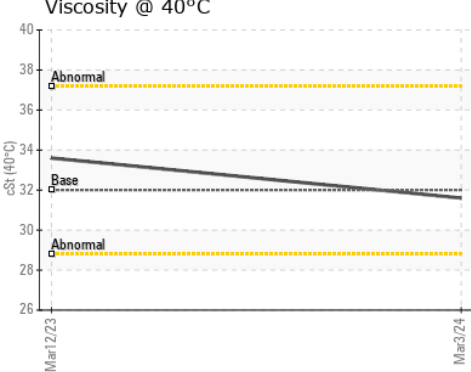
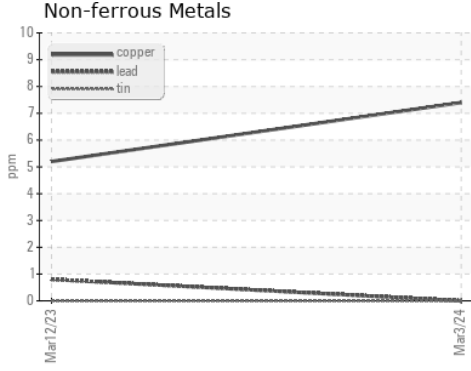
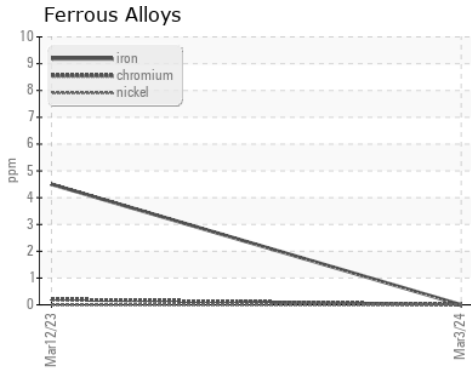
FLUID PROPERTIES	method	limit/base	current	history1	history2
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Visc @ 40°C	cSt	ASTM D445	32	31.6	33.6	---
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SAMPLE IMAGES	method	limit/base	current	history1	history2
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Color				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. : WC0906975 **Received** : 18 Mar 2024
Lab Number : 06121260 **Tested** : 19 Mar 2024
Unique Number : 10930093 **Diagnosed** : 19 Mar 2024 - Wes Davis
Test Package : FLEET

PAWHUSKA FIRE DEPT
 900 LYNN AVE
 PAWHUSKA, OK
 US 74056
 Contact: J COLEX
 jcplex1985@gmail.com
 T: (918)287-4210
 F:

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)