



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	ABNORMAL
FLUID CONDITION	NORMAL

Machine Id
E-ONE LADDER 2
Component
Hydraulic System
Fluid
SAE 10W (--- GAL)

RECOMMENDATION

We recommend you service the filters on this component. Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0947590	WC0703691	WC0591131
Sample Date		Client Info		23 Jun 2024	19 Aug 2022	20 Jul 2021
Machine Age	hrs	Client Info		5781	465	0
Oil Age	hrs	Client Info		5781	465	0
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	Not Changd
Filter Changed		Client Info		N/A	N/A	Not Changd
Sample Status				ABNORMAL	NORMAL	NORMAL

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>20	2	2	2
Chromium	ppm	ASTM D5185m	>10	0	0	0
Nickel	ppm	ASTM D5185m	>10	0	<1	<1
Titanium	ppm	ASTM D5185m		<1	<1	<1
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>10	0	2	<1
Lead	ppm	ASTM D5185m	>10	<1	2	5
Copper	ppm	ASTM D5185m	>75	8	7	6
Tin	ppm	ASTM D5185m	>10	0	<1	0
Vanadium	ppm	ASTM D5185m		0	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

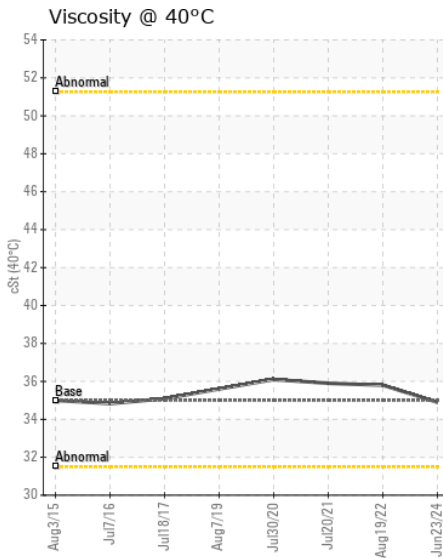
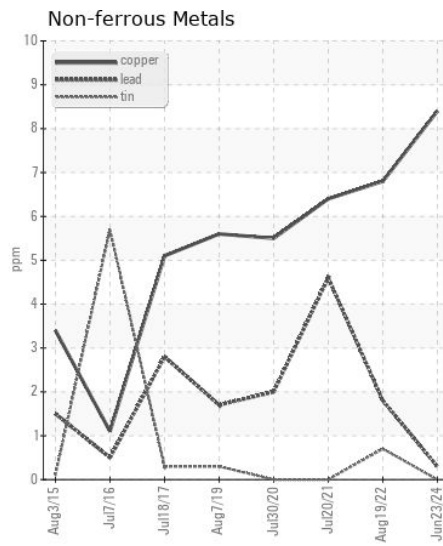
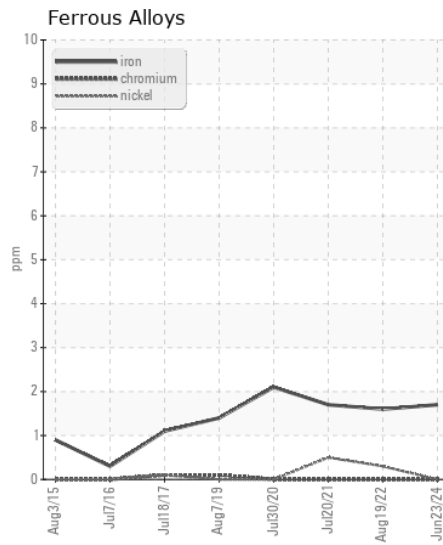
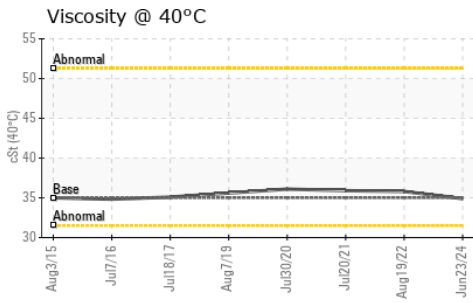
Moderate concentration of visible dirt/debris present in the oil.

Silicon	ppm	ASTM D5185m	>20	1	2	3
Potassium	ppm	ASTM D5185m	>20	1	0	6
Water		WC Method	>0.1	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	▲ MODER	NONE	VLITE
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	NEG

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m		49	38	44
Boron	ppm	ASTM D5185m		0	7	6
Barium	ppm	ASTM D5185m		0	2	2
Molybdenum	ppm	ASTM D5185m		1	2	0
Manganese	ppm	ASTM D5185m		<1	<1	0
Magnesium	ppm	ASTM D5185m		12	15	15
Calcium	ppm	ASTM D5185m		293	274	302
Phosphorus	ppm	ASTM D5185m		469	462	498
Zinc	ppm	ASTM D5185m		526	533	568
Sulfur	ppm	ASTM D5185m		1417	1206	1285
Visc @ 40°C	cSt	ASTM D445	35.0	34.9	35.8	35.9



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0947590
Lab Number : 06233701
Unique Number : 11117194
Test Package : FLEET
Received : 11 Jul 2024
Tested : 12 Jul 2024
Diagnosed : 13 Jul 2024 - Don Baldrige

ROCKWALL FIRE DEPT
 920 ROCKWALL PKWY
 ROCKWALL, TX
 US 75087
 Contact: BRETT MERRITT

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)

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