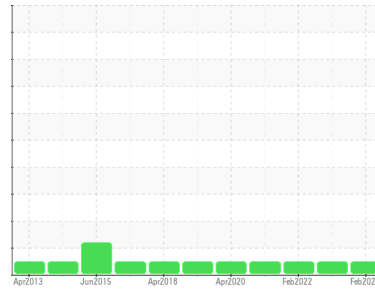




# OIL ANALYSIS REPORT

Sample Rating Trend



**NORMAL**



Machine Id

## KME LADDER 81

Component

### Hydraulic System

Fluid

### AW HYDRAULIC OIL ISO 46 (--- GAL)

#### DIAGNOSIS

##### Recommendation

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.

##### 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			<b>WC0890595</b>	WC0767785	WC0658017
Sample Date	Client Info			<b>07 Feb 2024</b>	20 Feb 2023	22 Feb 2022
Machine Age	hrs	Client Info		<b>5917</b>	5400	4784
Oil Age	hrs	Client Info		<b>5400</b>	4784	4348
Oil Changed		Client Info		<b>N/A</b>	N/A	N/A
Sample Status				<b>NORMAL</b>	NORMAL	NORMAL

CONTAMINATION		method	limit/base	current	history1	history2
Water	WC Method		>0.1	<b>NEG</b>	NEG	NEG

WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>20	<b>4</b>	2	5
Chromium	ppm	ASTM D5185m	>10	<b>0</b>	0	<1
Nickel	ppm	ASTM D5185m	>10	<b>0</b>	0	0
Titanium	ppm	ASTM D5185m		<b>0</b>	0	0
Silver	ppm	ASTM D5185m		<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m	>10	<b>0</b>	0	<1
Lead	ppm	ASTM D5185m	>10	<b>0</b>	0	<1
Copper	ppm	ASTM D5185m	>75	<b>6</b>	4	4
Tin	ppm	ASTM D5185m	>10	<b>0</b>	0	0
Antimony	ppm	ASTM D5185m		<b>---</b>	---	---
Vanadium	ppm	ASTM D5185m		<b>&lt;1</b>	0	0
Cadmium	ppm	ASTM D5185m		<b>0</b>	0	0

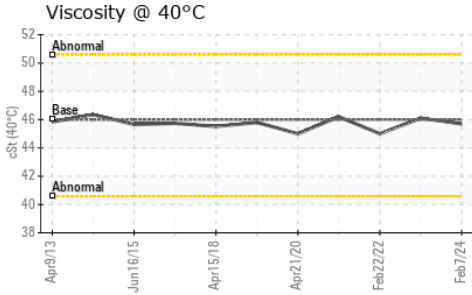
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	5	<b>0</b>	0	1
Barium	ppm	ASTM D5185m	5	<b>0</b>	1	0
Molybdenum	ppm	ASTM D5185m	5	<b>&lt;1</b>	0	<1
Manganese	ppm	ASTM D5185m		<b>0</b>	<1	<1
Magnesium	ppm	ASTM D5185m	25	<b>0</b>	16	17
Calcium	ppm	ASTM D5185m	200	<b>131</b>	212	209
Phosphorus	ppm	ASTM D5185m	300	<b>333</b>	442	442
Zinc	ppm	ASTM D5185m	370	<b>418</b>	452	472
Sulfur	ppm	ASTM D5185m	2500	<b>2611</b>	1293	1117

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>20	<b>&lt;1</b>	1	6
Sodium	ppm	ASTM D5185m		<b>2</b>	1	0
Potassium	ppm	ASTM D5185m	>20	<b>0</b>	0	2

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



# OIL ANALYSIS REPORT

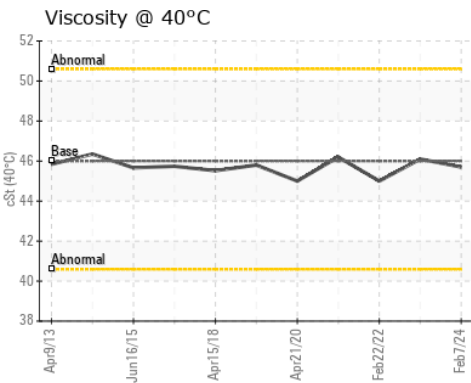
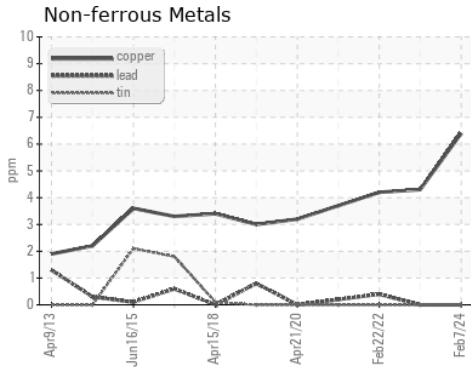
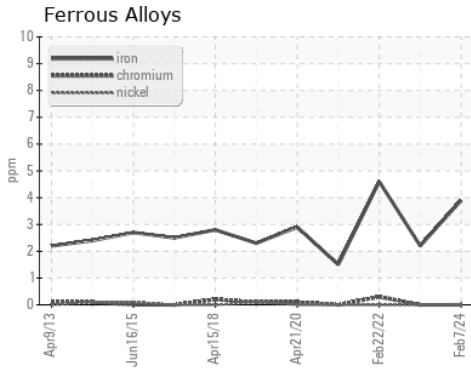


FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445 46	<b>45.7</b>	46.1	45.0

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.** : WC0890595      **Received** : 04 Apr 2024  
**Lab Number** : 06139041      **Tested** : 08 Apr 2024  
**Unique Number** : 10963849      **Diagnosed** : 08 Apr 2024 - Wes Davis  
**Test Package** : FLEET

**WESTFIELD FIRE DEPT**  
 17535 DARTOWN RD  
 WESTFIELD, IN 46074  
 Contact: DENNIS EVERITT  
 deveritt@westfieldin.com  
 T: (317)804-3333  
 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)