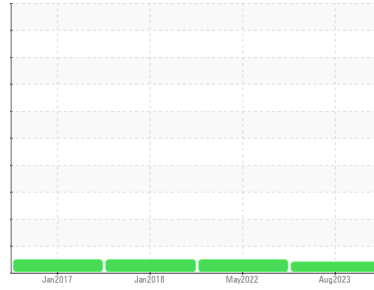




# PROBLEM SUMMARY

Sample Rating Trend



VIS DEBRIS



Area  
**OKLAHOMA/102/EG - CRANE**  
 Machine Id  
**22.66L [OKLAHOMA^102^EG - CRANE]**  
 Component  
**Boom Hoist**  
 Fluid  
**MOBIL 75W90 (--- GAL)**

## COMPONENT CONDITION SUMMARY

No relevant graphs to display

## RECOMMENDATION

No corrective action is recommended at this time.  
 Resample at the next service interval to monitor.

## PROBLEMATIC TEST RESULTS

Sample Status		ABNORMAL	NORMAL	NORMAL
Debris	scalar *Visual	▲ MODER	LIGHT	NONE

Customer Id: SHEWIC  
 Sample No.: WC0834016  
 Lab Number: 05923713  
 Test Package: CONST



To manage this report scan the QR code

To discuss the diagnosis or test data:  
 Don Baldrige +1  
[don.b505@comcast.net](mailto:don.b505@comcast.net)

To change component or sample information:  
 Customer Service +1 1-800-237-1369  
[customerservice@wearcheck.com](mailto:customerservice@wearcheck.com)

## RECOMMENDED ACTIONS

*There are no recommended actions for this sample.*

## HISTORICAL DIAGNOSIS

### 03 May 2022 Diag: Don Baldrige

NORMAL



Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the component. The condition of the oil is acceptable for the time in service.

view report



### 24 Jan 2018 Diag: Jonathan Hester

NORMAL



Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

view report



### 24 Jan 2017 Diag: Don Baldrige

NORMAL



Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the component. The condition of the oil is acceptable for the time in service.

view report



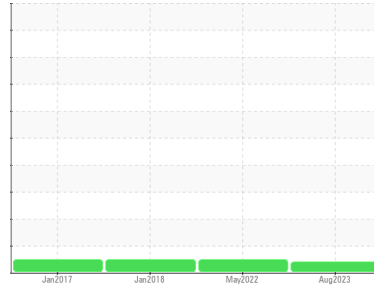


# OIL ANALYSIS REPORT

Sample Rating Trend

VIS DEBRIS

Area  
**OKLAHOMA/102/EG - CRANE**  
 Machine Id  
**22.66L [OKLAHOMA^102^EG - CRANE]**  
 Component  
**Boom Hoist**  
 Fluid  
**MOBIL 75W90 (--- GAL)**



## DIAGNOSIS

### Recommendation

No corrective action is recommended at this time. Resample at the next service interval to monitor.

### Wear

All component wear rates are normal.

### Contamination

Moderate concentration of visible dirt/debris present 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>WC0834016</b>	WC0686817	WCCF0540
Sample Date	Client Info		<b>07 Aug 2023</b>	03 May 2022	24 Jan 2018
Machine Age	hrs	Client Info	<b>5015</b>	4515	1636
Oil Age	hrs	Client Info	<b>1079</b>	100	1529
Oil Changed	Client Info		<b>Not Chngd</b>	N/A	Not Chngd
Sample Status			<b>ABNORMAL</b>	NORMAL	NORMAL

## WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >300	<b>99</b>	30	60
Chromium	ppm	ASTM D5185m >5	<b>4</b>	1	<1
Nickel	ppm	ASTM D5185m >4	<b>&lt;1</b>	0	0
Titanium	ppm	ASTM D5185m	<b>&lt;1</b>	<1	<1
Silver	ppm	ASTM D5185m	<b>0</b>	13	0
Aluminum	ppm	ASTM D5185m >10	<b>2</b>	2	<1
Lead	ppm	ASTM D5185m >120	<b>&lt;1</b>	1	<1
Copper	ppm	ASTM D5185m >200	<b>4</b>	4	<1
Tin	ppm	ASTM D5185m >15	<b>0</b>	<1	0
Antimony	ppm	ASTM D5185m	<b>---</b>	---	0
Vanadium	ppm	ASTM D5185m	<b>0</b>	0	0
Cadmium	ppm	ASTM D5185m	<b>0</b>	1	<1

## ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	<b>236</b>	181	148
Barium	ppm	ASTM D5185m	<b>6</b>	0	3
Molybdenum	ppm	ASTM D5185m	<b>3</b>	5	4
Manganese	ppm	ASTM D5185m	<b>4</b>	1	<1
Magnesium	ppm	ASTM D5185m	<b>3115</b>	1666	1
Calcium	ppm	ASTM D5185m	<b>48</b>	32	6
Phosphorus	ppm	ASTM D5185m	<b>1267</b>	1248	876
Zinc	ppm	ASTM D5185m	<b>409</b>	397	36
Sulfur	ppm	ASTM D5185m	<b>16920</b>	12494	20516

## CONTAMINANTS

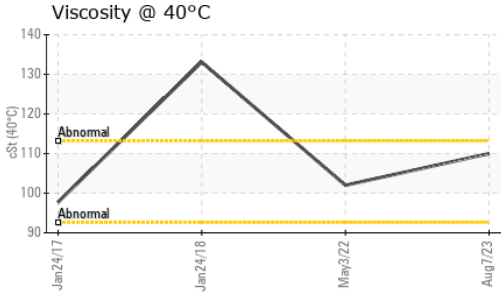
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >75	<b>48</b>	15	24
Sodium	ppm	ASTM D5185m	<b>0</b>	1	<1
Potassium	ppm	ASTM D5185m >20	<b>2</b>	0	2

## VISUAL

	method	limit/base	current	history1	history2
White Metal	scalar	*Visual NONE	<b>NONE</b>	LIGHT	LIGHT
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>▲ MODER</b>	LIGHT	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

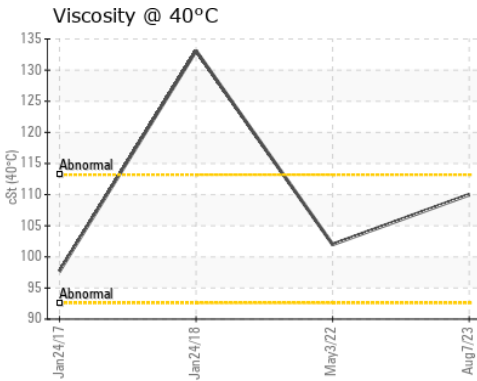
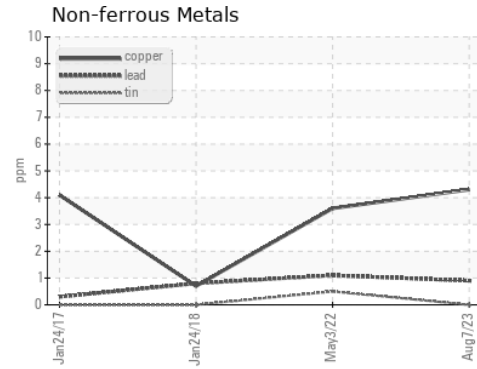
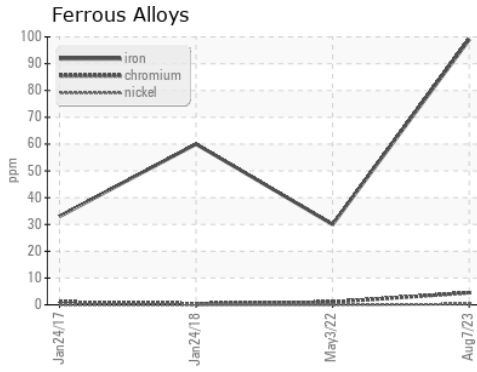


FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	110	102	133.1

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.** : WC0834016  
**Lab Number** : 05923713  
**Unique Number** : 10603660  
**Test Package** : CONST

**SHERWOOD CONSTRUCTION CO INC**  
 3219 WEST MAY ST  
 WICHITA, KS  
 US 67213  
 Contact: DOUG KING  
 doug.king@sherwood.net  
 T: (316)617-3161  
 F: x:

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)