

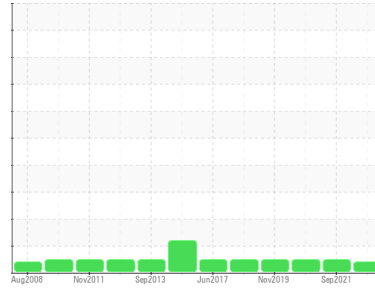


# PROBLEM SUMMARY



Area  
**OKLAHOMA/102/EG - OTHER SERVICE**  
 Machine Id  
**78.66 [OKLAHOMA^102^EG - OTHER SERVICE]**  
 Component  
**Right Tandem**  
 Fluid  
**MOBIL MOBILTRANS HD 50 (--- GAL)**

Sample Rating Trend



**VIS DEBRIS**



## 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. ( Customer Sample Comment: 16559 hrs )

## PROBLEMATIC TEST RESULTS

Sample Status				<b>ABNORMAL</b>	NORMAL	NORMAL
Debris	scalar	*Visual	NONE	<b>▲ MODER</b>	NONE	NONE

Customer Id: SHEWIC  
 Sample No.: WC0819971  
 Lab Number: 05928466  
 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

### 17 Sep 2021 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 oil. The condition of the oil is acceptable for the time in service.

view report



### 24 Jul 2020 Diag: Doug Bogart

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



### 05 Nov 2019 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 oil. The condition of the oil is acceptable for the time in service.

view report



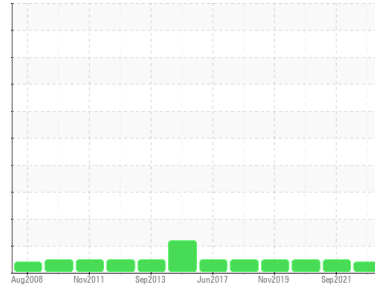


# OIL ANALYSIS REPORT



Area  
**OKLAHOMA/102/EG - OTHER SERVICE**  
 Machine Id  
**78.66 [OKLAHOMA^102^EG - OTHER SERVICE]**  
 Component  
**Right Tandem**  
 Fluid  
**MOBIL MOBILTRANS HD 50 (--- GAL)**

Sample Rating Trend



## VIS DEBRIS



### DIAGNOSIS

#### ▲ Recommendation

No corrective action is recommended at this time. Resample at the next service interval to monitor. ( Customer Sample Comment: 16559 hrs )

#### 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>WC0819971</b>	WC0622776	WC0481937
Sample Date	Client Info		<b>10 Aug 2023</b>	17 Sep 2021	24 Jul 2020
Machine Age	hrs	Client Info	<b>16559</b>	14790	13410
Oil Age	hrs	Client Info	<b>0</b>	1380	418
Oil Changed	Client Info		<b>N/A</b>	Changed	Changed
Sample Status			<b>ABNORMAL</b>	NORMAL	NORMAL

### WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >425	<b>64</b>	79	51
Chromium	ppm	ASTM D5185m >5	<b>&lt;1</b>	<1	<1
Nickel	ppm	ASTM D5185m >5	<b>0</b>	0	<1
Titanium	ppm	ASTM D5185m	<b>&lt;1</b>	<1	<1
Silver	ppm	ASTM D5185m	<b>0</b>	<1	<1
Aluminum	ppm	ASTM D5185m >5	<b>2</b>	1	<1
Lead	ppm	ASTM D5185m	<b>0</b>	<1	0
Copper	ppm	ASTM D5185m >8	<b>0</b>	0	0
Tin	ppm	ASTM D5185m	<b>0</b>	<1	0
Antimony	ppm	ASTM D5185m >5	<b>---</b>	0	2
Vanadium	ppm	ASTM D5185m	<b>0</b>	0	0
Cadmium	ppm	ASTM D5185m	<b>0</b>	0	0

### ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	<b>9</b>	9	5
Barium	ppm	ASTM D5185m	<b>0</b>	0	<1
Molybdenum	ppm	ASTM D5185m	<b>1</b>	5	4
Manganese	ppm	ASTM D5185m	<b>&lt;1</b>	<1	<1
Magnesium	ppm	ASTM D5185m	<b>30</b>	28	22
Calcium	ppm	ASTM D5185m	<b>3058</b>	3111	2986
Phosphorus	ppm	ASTM D5185m	<b>1015</b>	968	972
Zinc	ppm	ASTM D5185m	<b>1231</b>	1239	1123
Sulfur	ppm	ASTM D5185m	<b>12806</b>	10835	10076

### CONTAMINANTS

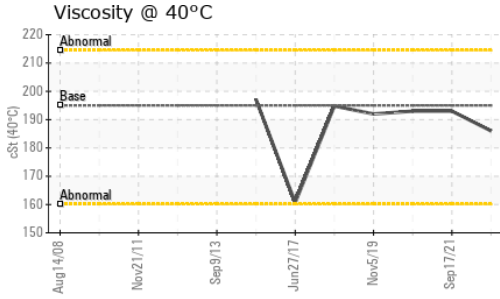
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >50	<b>13</b>	4	6
Sodium	ppm	ASTM D5185m	<b>1</b>	1	2
Potassium	ppm	ASTM D5185m >20	<b>0</b>	0	0

### VISUAL

	method	limit/base	current	history1	history2
White Metal	scalar	*Visual NONE	<b>NONE</b>	MODER	MODER
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>	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 >0.2	<b>NEG</b>	NEG	NEG
Free Water	scalar	*Visual	<b>NEG</b>	NEG	NEG



# OIL ANALYSIS REPORT

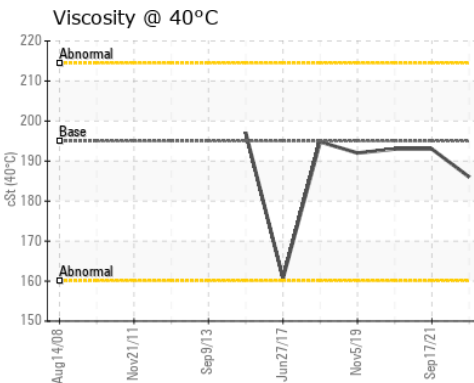
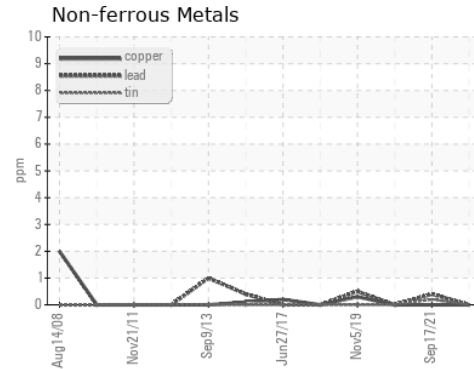
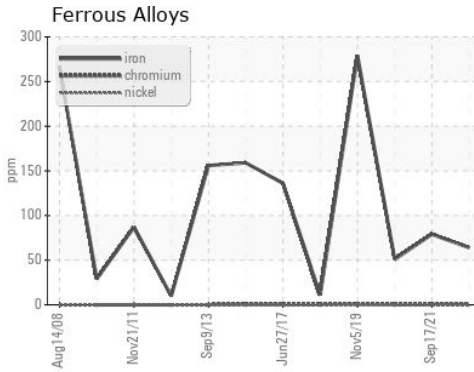


FLUID PROPERTIES	method	limit/base	current	history1	history2	
Visc @ 40°C	cSt	ASTM D445	195	<b>186</b>	193	193

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.** : WC0819971  
**Lab Number** : **05928466**  
**Unique Number** : 10608413  
**Test Package** : CONST

**SHERWOOD CONSTRUCTION CO INC**  
 3219 WEST MAY ST  
 WICHITA, KS  
 US 67213  
 Contact: JIMMY DERAMUS  
 jimmy.deramus@sherwood.net  
 T: (918)691-3306  
 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)