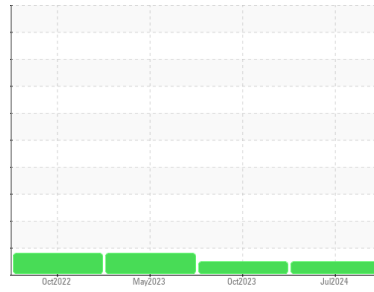




# OIL ANALYSIS REPORT

Area  
**CONSTRUCTORS, INC**  
 Machine Id  
**13-1716**  
 Component  
**Left Conveyor**  
 Fluid  
**MOBIL MOBILUBE HD 85W140 (--- GAL)**

## Sample Rating Trend



**NORMAL**



### DIAGNOSIS

#### Recommendation

Resample at the next service interval to monitor.

#### 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>SBP0007094</b>	SBP0004914	SBP0004455
Sample Date	Client Info		<b>11 Jul 2024</b>	19 Oct 2023	24 May 2023
Machine Age	hrs	Client Info	<b>9821</b>	9288	8793
Oil Age	hrs	Client Info	<b>533</b>	495	598
Oil Changed	Client Info		<b>N/A</b>	N/A	Changed
Sample Status			<b>NORMAL</b>	NORMAL	ABNORMAL

### 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 >150	<b>44</b>	120	▲ 386
Chromium	ppm	ASTM D5185m >10	<b>&lt;1</b>	1	4
Nickel	ppm	ASTM D5185m >10	<b>0</b>	<1	<1
Titanium	ppm	ASTM D5185m	<b>0</b>	<1	0
Silver	ppm	ASTM D5185m	<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m >25	<b>3</b>	2	0
Lead	ppm	ASTM D5185m >100	<b>0</b>	<1	0
Copper	ppm	ASTM D5185m >50	<b>&lt;1</b>	<1	<1
Tin	ppm	ASTM D5185m >10	<b>0</b>	0	0
Vanadium	ppm	ASTM D5185m	<b>0</b>	0	0
Cadmium	ppm	ASTM D5185m	<b>0</b>	<1	0

### ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	<b>208</b>	271	266
Barium	ppm	ASTM D5185m	<b>0</b>	10	0
Molybdenum	ppm	ASTM D5185m	<b>2</b>	3	3
Manganese	ppm	ASTM D5185m	<b>0</b>	<1	3
Magnesium	ppm	ASTM D5185m	<b>1</b>	2	<1
Calcium	ppm	ASTM D5185m	<b>4</b>	22	31
Phosphorus	ppm	ASTM D5185m	<b>974</b>	1092	1024
Zinc	ppm	ASTM D5185m	<b>9</b>	9	15
Sulfur	ppm	ASTM D5185m	<b>26520</b>	22779	21278

### CONTAMINANTS

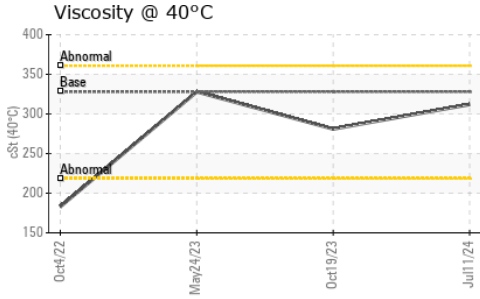
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >50	<b>3</b>	4	5
Sodium	ppm	ASTM D5185m	<b>0</b>	0	0
Potassium	ppm	ASTM D5185m >20	<b>&lt;1</b>	1	1

### 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

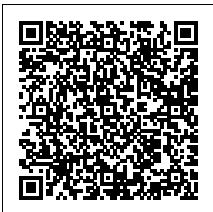
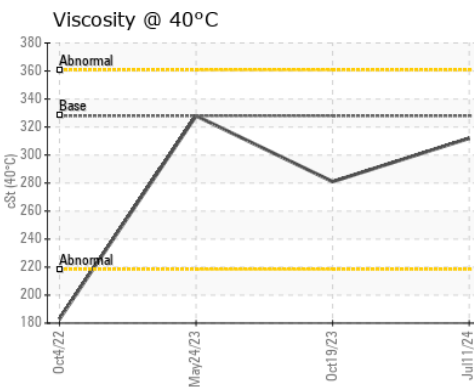
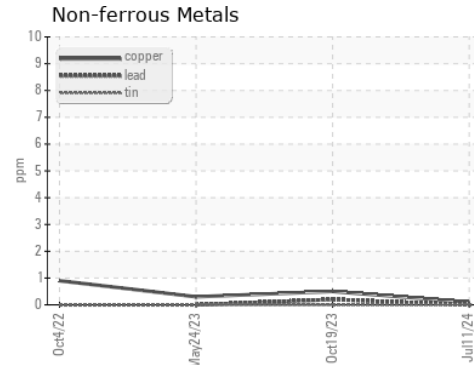
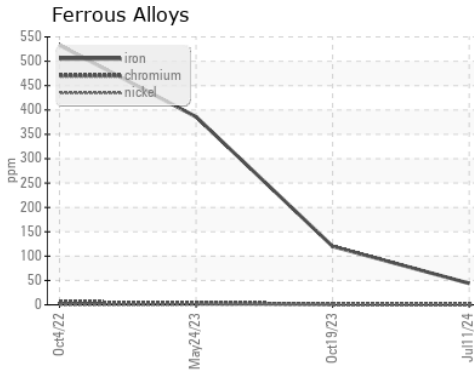


FLUID PROPERTIES	method	limit/base	current	history1	history2	
Visc @ 40°C	cSt	ASTM D445	328	<b>312</b>	281	328

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.** : SBP0007094      **Received** : 15 Jul 2024  
**Lab Number** : **06237137**      **Tested** : 17 Jul 2024  
**Unique Number** : 11125971      **Diagnosed** : 17 Jul 2024 - Don Baldrige  
**Test Package** : FLEET

**Constructors Inc. - 603659**  
 6500 N 70TH ST  
 LINCOLN, NE  
 US 68507  
 Contact: Loren Michael  
 LorenM@constructorslincoln.com  
 T: (402)434-2157  
 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)