



# OIL ANALYSIS REPORT

WEAR	<b>NORMAL</b>
CONTAMINATION	<b>NORMAL</b>
FLUID CONDITION	<b>NORMAL</b>



Area  
**RMR-Greensburg**  
 Machine Id  
**14869 LIEBHERR A934 016294-935**  
 Component  
**Splitter Box**  
 Fluid  
**{not provided} (--- GAL)**

## RECOMMENDATION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>DJJ0017777</b>	DJJ0017778	DJJ026188
Sample Date		Client Info		<b>18 Mar 2024</b>	18 Mar 2024	20 Mar 2018
Machine Age	hrs	Client Info		<b>18736</b>	18736	13380
Oil Age	hrs	Client Info		<b>0</b>	0	250
Filter Age	hrs	Client Info		<b>0</b>	0	0
Oil Changed		Client Info		<b>N/A</b>	N/A	Changed
Filter Changed		Client Info		<b>N/A</b>	N/A	N/A
Sample Status				<b>NORMAL</b>	SEVERE	ABNORMAL

## WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>880	<b>220</b>	▲ 4865	22
Chromium	ppm	ASTM D5185m	>10	<b>2</b>	▲ 15	<1
Nickel	ppm	ASTM D5185m	>5	<b>0</b>	▲ 3	<1
Titanium	ppm	ASTM D5185m	>5	<b>0</b>	0	0
Silver	ppm	ASTM D5185m	>5	<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m	>15	<b>&lt;1</b>	1	<1
Lead	ppm	ASTM D5185m	>25	<b>0</b>	▲ 46	<1
Copper	ppm	ASTM D5185m	>60	<b>40</b>	▲ 2534	1
Tin	ppm	ASTM D5185m	>5	<b>&lt;1</b>	▲ 187	0
Vanadium	ppm	ASTM D5185m		<b>0</b>	0	<1
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	▲ MODER	NONE

## CONTAMINATION

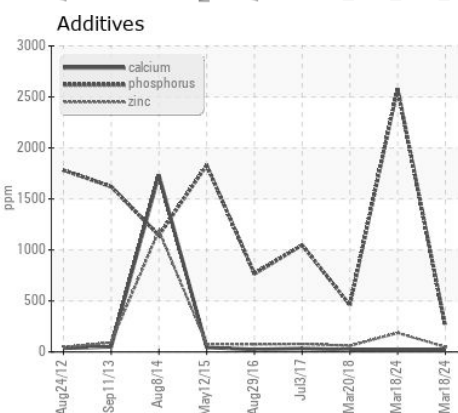
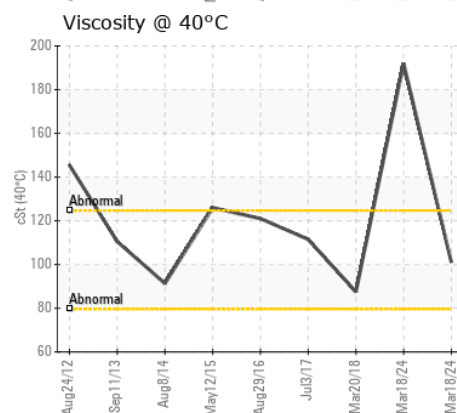
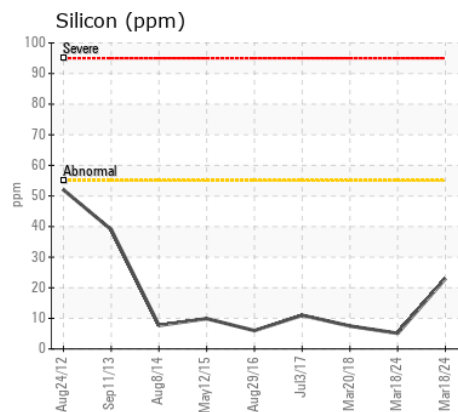
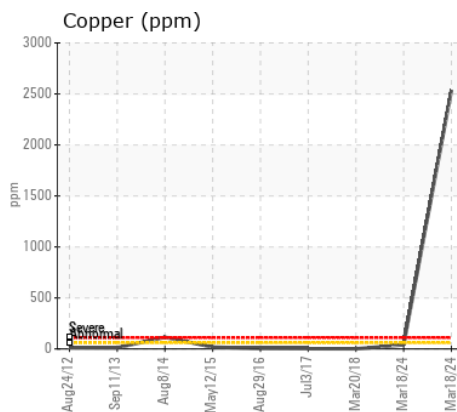
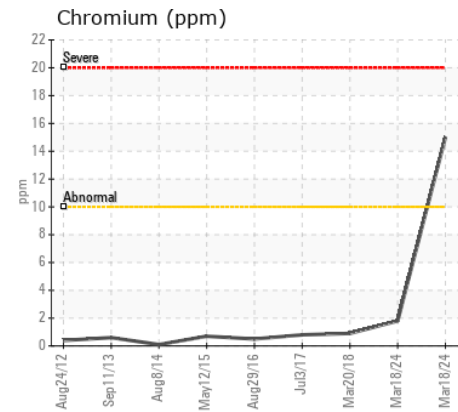
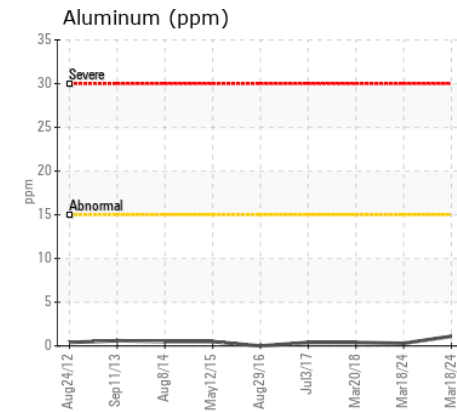
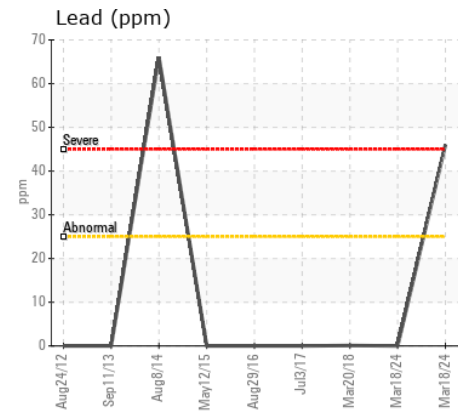
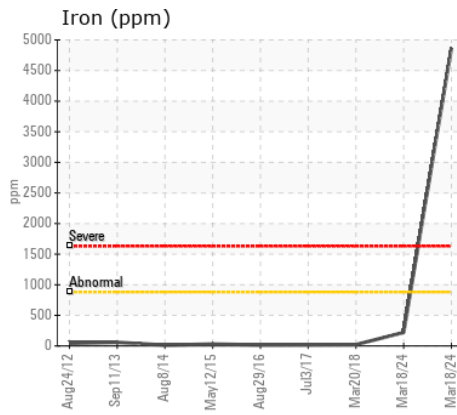
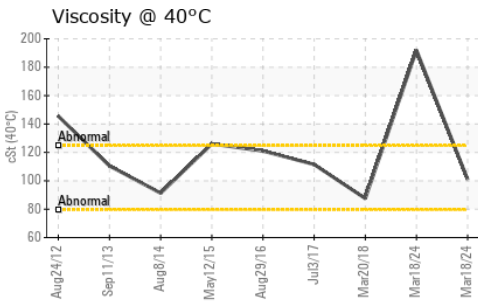
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>55	<b>5</b>	23	8
Potassium	ppm	ASTM D5185m	>20	<b>&lt;1</b>	0	3
Water		WC Method	>0.1	<b>NEG</b>	NEG	NEG
Silt	scalar	*Visual	NONE	<b>NONE</b>	MODER	NONE
Debris	scalar	*Visual	NONE	<b>NONE</b>	NONE	▲ MODER
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>	▲ 0.2%	NEG

## FLUID CONDITION

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

Sodium	ppm	ASTM D5185m	>25	<b>&lt;1</b>	2	<1
Boron	ppm	ASTM D5185m		<b>3</b>	11	4
Barium	ppm	ASTM D5185m		<b>0</b>	0	<1
Molybdenum	ppm	ASTM D5185m		<b>0</b>	0	<1
Manganese	ppm	ASTM D5185m		<b>&lt;1</b>	26	<1
Magnesium	ppm	ASTM D5185m		<b>&lt;1</b>	2	2
Calcium	ppm	ASTM D5185m		<b>20</b>	19	22
Phosphorus	ppm	ASTM D5185m		<b>253</b>	2581	460
Zinc	ppm	ASTM D5185m		<b>48</b>	186	60
Sulfur	ppm	ASTM D5185m		<b>16132</b>	40341	10641
Visc @ 40°C	cSt	ASTM D445		<b>101</b>	▲ 192	● 87.52



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : DJJ0017777 **Received** : 21 Mar 2024  
**Lab Number** : 06125189 **Tested** : 24 Mar 2024  
**Unique Number** : 10939340 **Diagnosed** : 24 Mar 2024 - Wes Davis  
**Test Package** : MOBCE

**RIVER METALS RECYCLING - GREENSBURG**  
 323 SOUTH MONFORT STREET  
 GREENSBURG, IN  
 US 47240  
 Contact: RYAN BOWDEN

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)

T:  
 F: (812)663-6465