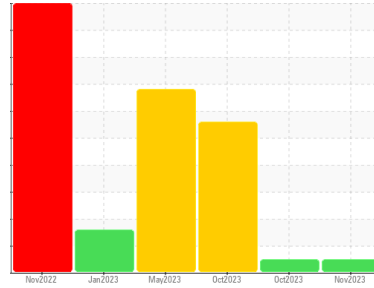




# OIL ANALYSIS REPORT

Sample Rating Trend



**NORMAL**



Machine Id  
**EPIROC ST14 SCP206**  
 Component  
**Front Differential**  
 Fluid  
**GEAR OIL SAE 85W140 (--- GAL)**

## 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>WC0882207</b>	WC0820202	WC0835198
Sample Date	Client Info			<b>29 Nov 2023</b>	22 Oct 2023	08 Oct 2023
Machine Age	hrs	Client Info		<b>927</b>	677	611
Oil Age	hrs	Client Info		<b>0</b>	0	0
Oil Changed	Client Info			<b>Not Chngd</b>	Changed	N/A
Sample Status				<b>NORMAL</b>	NORMAL	SEVERE

CONTAMINATION		method	limit/base	current	history1	history2
Water	WC Method		>.2	<b>NEG</b>	NEG	NEG

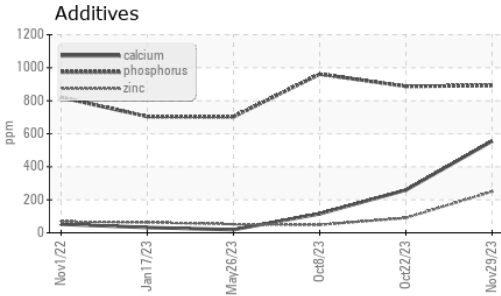
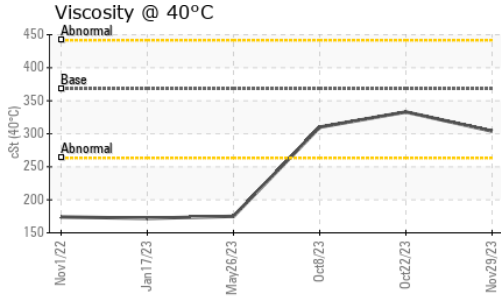
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>500	<b>12</b>	73	746
Chromium	ppm	ASTM D5185(m)	>10	<b>0</b>	<1	6
Nickel	ppm	ASTM D5185(m)	>10	<b>0</b>	<1	2
Titanium	ppm	ASTM D5185(m)		<b>0</b>	0	4
Silver	ppm	ASTM D5185(m)		<b>&lt;1</b>	<1	<1
Aluminum	ppm	ASTM D5185(m)	>25	<b>&lt;1</b>	11	73
Lead	ppm	ASTM D5185(m)	>25	<b>&lt;1</b>	<1	3
Copper	ppm	ASTM D5185(m)	>100	<b>6</b>	9	108
Tin	ppm	ASTM D5185(m)	>10	<b>0</b>	0	4
Antimony	ppm	ASTM D5185(m)	>5	<b>0</b>	0	0
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	0
Beryllium	ppm	ASTM D5185(m)		<b>0</b>	0	0
Cadmium	ppm	ASTM D5185(m)		<b>0</b>	0	0

ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)	400	<b>103</b>	126	184
Barium	ppm	ASTM D5185(m)	200	<b>&lt;1</b>	<1	3
Molybdenum	ppm	ASTM D5185(m)	12	<b>0</b>	0	0
Manganese	ppm	ASTM D5185(m)		<b>0</b>	<1	9
Magnesium	ppm	ASTM D5185(m)	12	<b>2</b>	6	45
Calcium	ppm	ASTM D5185(m)	150	<b>555</b>	259	115
Phosphorus	ppm	ASTM D5185(m)	1650	<b>892</b>	887	961
Zinc	ppm	ASTM D5185(m)	125	<b>250</b>	90	48
Sulfur	ppm	ASTM D5185(m)	22500	<b>18455</b>	18492	20051
Lithium	ppm	ASTM D5185(m)		<b>&lt;1</b>	<1	<1

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>75	<b>5</b>	43	▲ 255
Sodium	ppm	ASTM D5185(m)		<b>&lt;1</b>	7	36
Potassium	ppm	ASTM D5185(m)	>20	<b>0</b>	4	36



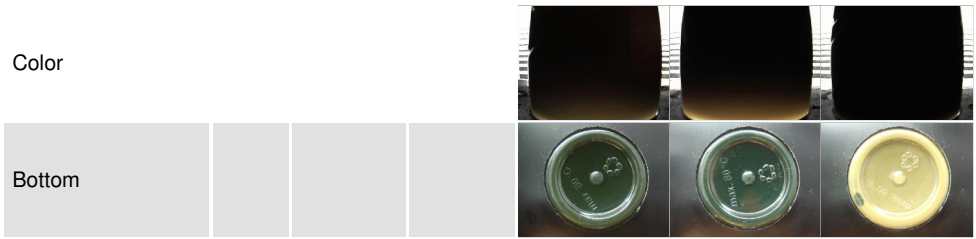
# OIL ANALYSIS REPORT



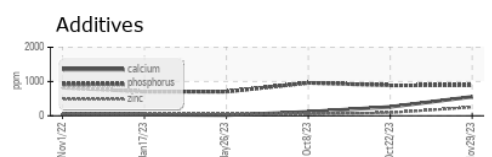
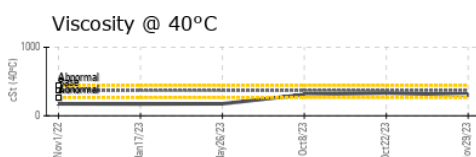
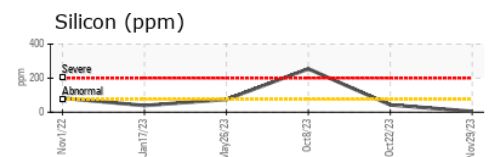
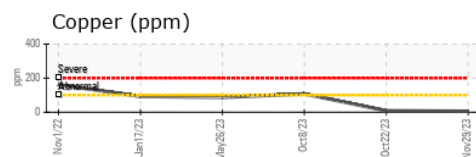
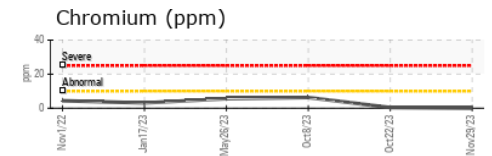
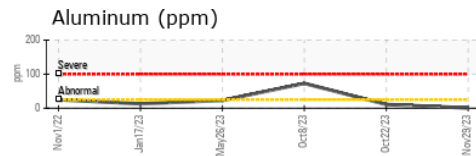
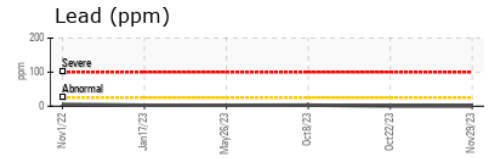
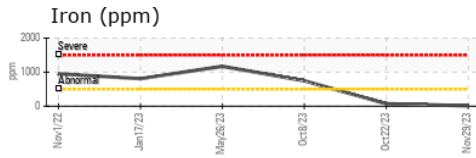
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	VLITE	NONE
Yellow Metal	scalar	Visual*	NONE	NONE	NONE
Precipitate	scalar	Visual*	NONE	NONE	NONE
Silt	scalar	Visual*	NONE	NONE	NONE
Debris	scalar	Visual*	NONE	NONE	NONE
Sand/Dirt	scalar	Visual*	NONE	NONE	NONE
Appearance	scalar	Visual*	NORML	NORML	▲ MILKY
Odor	scalar	Visual*	NORML	NORML	NORML
Emulsified Water	scalar	Visual*	>.2	NEG	NEG
Free Water	scalar	Visual*		NEG	NEG

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	368	304	333

SAMPLE IMAGES	method	limit/base	current	history1	history2
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## GRAPHS



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : WC0882207  
**Lab Number** : 02603570  
**Unique Number** : 5696655  
**Test Package** : MOB 1

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 CA P2N 3J1  
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 T: (705)567-5208  
 F: (705)567-5221

To discuss this sample report, contact Customer Service at 1-800-268-2131.  
 Test denoted (\*) outside scope of accreditation, (m) method modified, (e) tested at external lab.  
 Validity of results and interpretation are based on the sample and information as supplied.