



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
EPIROC ST18 SCP203
 Component
Rear Left Planetary
 Fluid
GEAR OIL SAE 75W140 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL SAE 75W140. Please confirm.

WEAR

All component wear rates are normal.

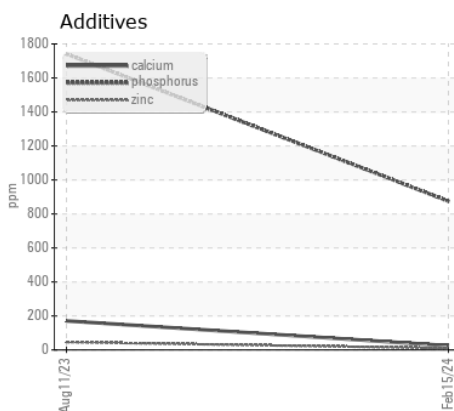
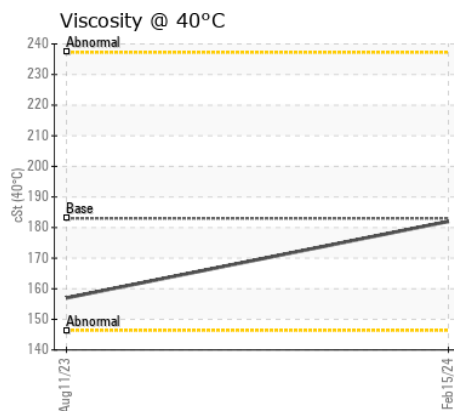
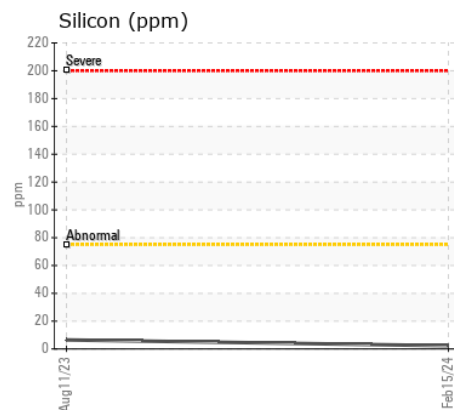
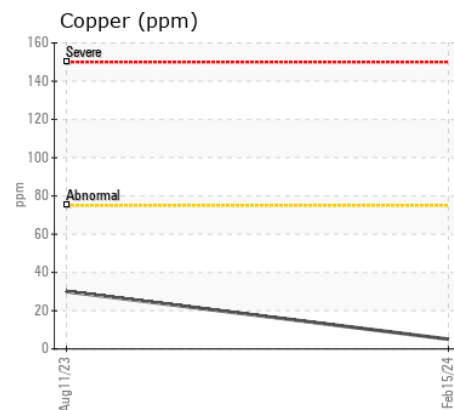
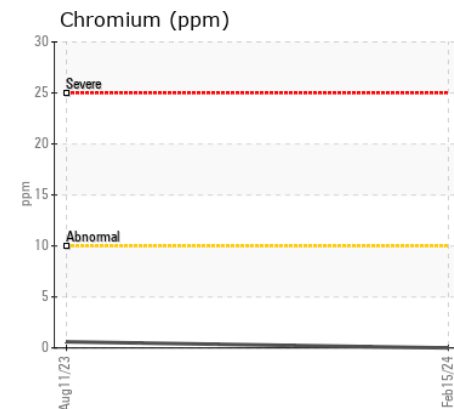
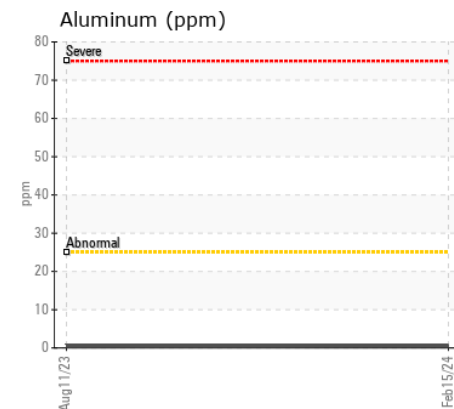
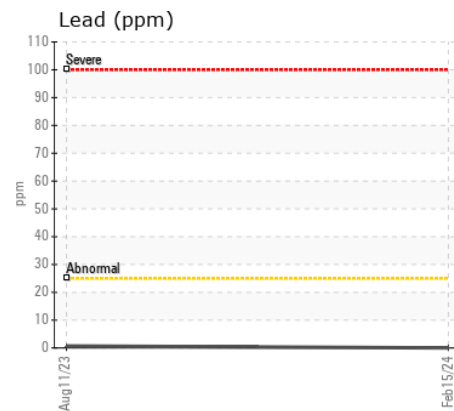
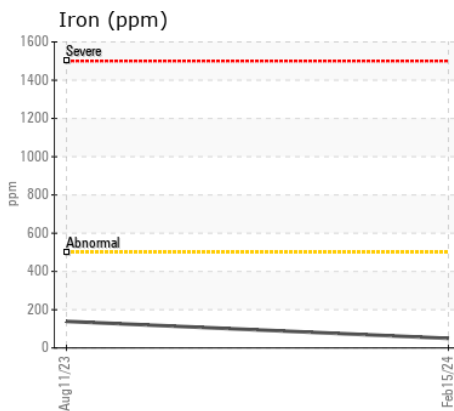
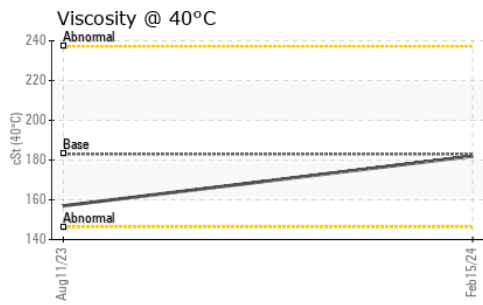
CONTAMINATION

There is no indication of any contamination in the oil.

FLUID CONDITION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0904175	WC0848085	---
Sample Date		Client Info		15 Feb 2024	11 Aug 2023	---
Machine Age	hrs	Client Info		534	10010	---
Oil Age	hrs	Client Info		534	1000	---
Filter Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		Not Changed	Changed	---
Filter Changed		Client Info		Not Changed	N/A	---
Sample Status				NORMAL	NORMAL	---
<hr/>						
Iron	ppm	ASTM D5185(m)	>500	50	139	---
Chromium	ppm	ASTM D5185(m)	>10	0	<1	---
Nickel	ppm	ASTM D5185(m)	>10	<1	<1	---
Titanium	ppm	ASTM D5185(m)		0	0	---
Silver	ppm	ASTM D5185(m)		0	0	---
Aluminum	ppm	ASTM D5185(m)	>25	<1	<1	---
Lead	ppm	ASTM D5185(m)	>25	0	<1	---
Copper	ppm	ASTM D5185(m)	>75	5	30	---
Tin	ppm	ASTM D5185(m)	>10	0	1	---
Vanadium	ppm	ASTM D5185(m)		0	0	---
White Metal	scalar	Visual*	NONE	NONE	NONE	---
Yellow Metal	scalar	Visual*	NONE	NONE	NONE	---
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Silicon	ppm	ASTM D5185(m)	>75	2	6	---
Potassium	ppm	ASTM D5185(m)	>20	<1	1	---
Water		WC Method	>0.2	NEG	NEG	---
Silt	scalar	Visual*	NONE	NONE	NONE	---
Debris	scalar	Visual*	NONE	NONE	NONE	---
Sand/Dirt	scalar	Visual*	NONE	NONE	NONE	---
Appearance	scalar	Visual*	NORML	NORML	NORML	---
Odor	scalar	Visual*	NORML	NORML	NORML	---
Emulsified Water	scalar	Visual*	>0.2	NEG	NEG	---
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Sodium	ppm	ASTM D5185(m)		<1	4	---
Boron	ppm	ASTM D5185(m)	400	71	57	---
Barium	ppm	ASTM D5185(m)	200	0	<1	---
Molybdenum	ppm	ASTM D5185(m)	12	0	1	---
Manganese	ppm	ASTM D5185(m)		0	2	---
Magnesium	ppm	ASTM D5185(m)	12	<1	2	---
Calcium	ppm	ASTM D5185(m)	150	25	171	---
Phosphorus	ppm	ASTM D5185(m)	1650	875	1741	---
Zinc	ppm	ASTM D5185(m)	125	10	46	---
Sulfur	ppm	ASTM D5185(m)	22500	18609	22089	---
Visc @ 40°C	cSt	ASTM D7279(m)	183	182	157	---



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC0904175
Lab Number : 02617222
Unique Number : 5734332
Test Package : MOB 1
Received : 21 Feb 2024
Tested : 21 Feb 2024
Diagnosed : 21 Feb 2024 - Wes Davis

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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.