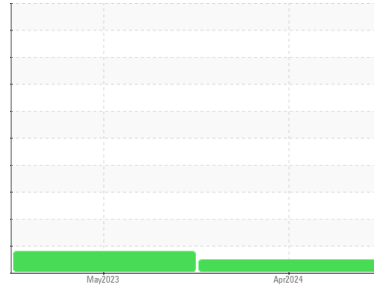




OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Area
Pumping
 Machine Id
H02
 Component
Front Differential
 Fluid
MOBIL 75W90 (18 LTR)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor. Please specify the component make and model with your next sample.

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			WC0925775	WC0803684	---
Sample Date	Client Info			13 Apr 2024	23 May 2023	---
Machine Age	hrs	Client Info		169430	5564	---
Oil Age	hrs	Client Info		0	5564	---
Oil Changed	Client Info			Changed	Changed	---
Sample Status				NORMAL	ABNORMAL	---

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

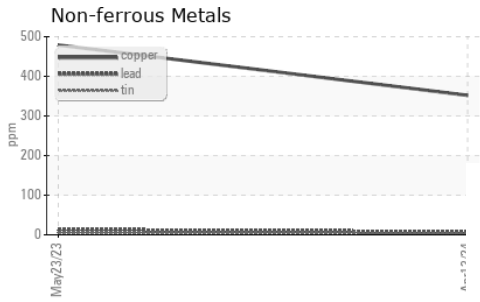
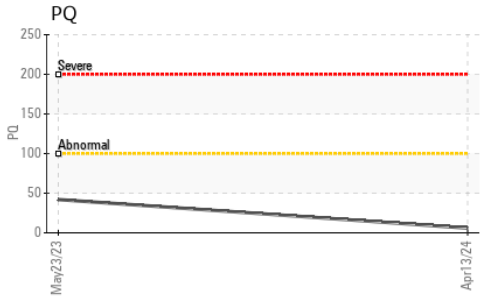
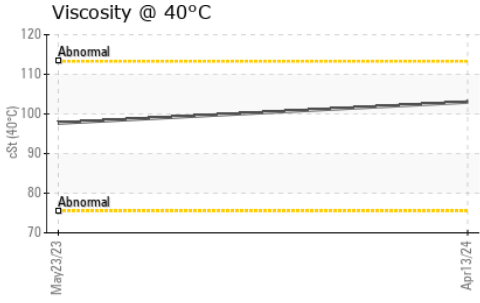
WEAR METALS		method	limit/base	current	history1	history2
PQ		ASTM D8184*		6	42	---
Iron	ppm	ASTM D5185(m)	>500	70	142	---
Chromium	ppm	ASTM D5185(m)	>10	<1	1	---
Nickel	ppm	ASTM D5185(m)	>10	0	<1	---
Titanium	ppm	ASTM D5185(m)		0	0	---
Silver	ppm	ASTM D5185(m)		0	0	---
Aluminum	ppm	ASTM D5185(m)	>25	0	<1	---
Lead	ppm	ASTM D5185(m)	>25	7	13	---
Copper	ppm	ASTM D5185(m)	>100	352	▲ 479	---
Tin	ppm	ASTM D5185(m)	>10	4	5	---
Antimony	ppm	ASTM D5185(m)	>5	0	0	---
Vanadium	ppm	ASTM D5185(m)		0	0	---
Beryllium	ppm	ASTM D5185(m)		0	0	---
Cadmium	ppm	ASTM D5185(m)		0	0	---

ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)		188	265	---
Barium	ppm	ASTM D5185(m)		0	<1	---
Molybdenum	ppm	ASTM D5185(m)		0	<1	---
Manganese	ppm	ASTM D5185(m)		2	4	---
Magnesium	ppm	ASTM D5185(m)		<1	2	---
Calcium	ppm	ASTM D5185(m)		2	11	---
Phosphorus	ppm	ASTM D5185(m)		1259	1404	---
Zinc	ppm	ASTM D5185(m)		4	10	---
Sulfur	ppm	ASTM D5185(m)		20007	20786	---
Lithium	ppm	ASTM D5185(m)		<1	<1	---

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>75	26	48	---
Sodium	ppm	ASTM D5185(m)		1	3	---
Potassium	ppm	ASTM D5185(m)	>20	<1	1	---



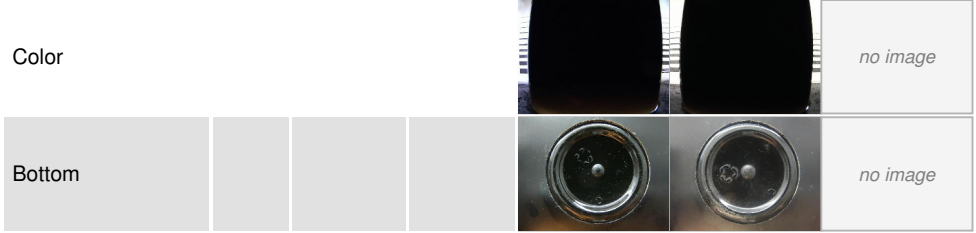
OIL ANALYSIS REPORT



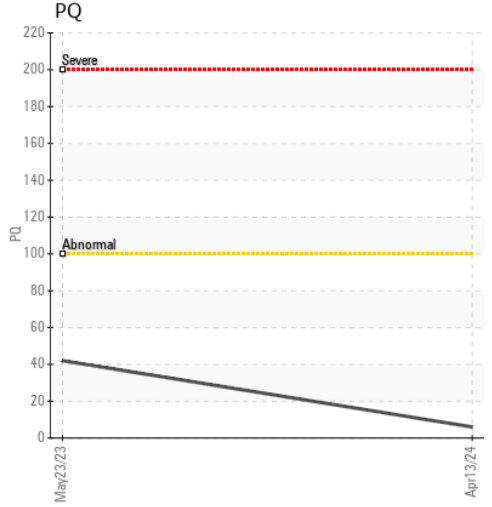
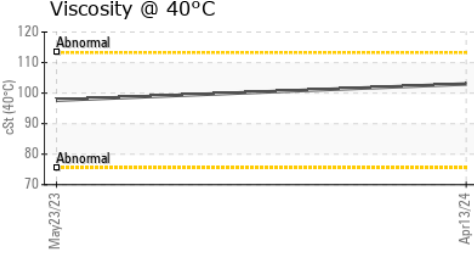
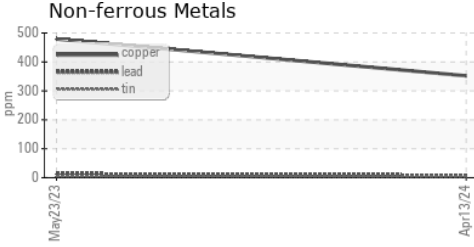
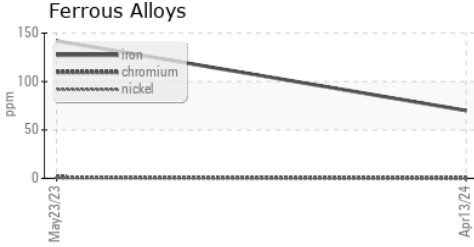
VISUAL	method	limit/base	current	history1	history2	
White Metal	scalar	Visual*	NONE	NONE	LIGHT	---
Yellow Metal	scalar	Visual*	NONE	NONE	NONE	---
Precipitate	scalar	Visual*	NONE	NONE	NONE	---
Silt	scalar	Visual*	NONE	NONE	NONE	---
Debris	scalar	Visual*	NONE	NONE	NONE	---
Sand/Dirt	scalar	Visual*	NONE	NONE	NONE	---
Appearance	scalar	Visual*	NORML	NORML	NORML	---
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)	103	97.7	---

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. : WC0925775 **Received** : 22 Apr 2024
Lab Number : 02630699 **Tested** : 23 Apr 2024
Unique Number : 5763831 **Diagnosed** : 23 Apr 2024 - Kevin Marson
Test Package : FLEET (Additional Tests: PQ)

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.

GOLIATH ENERGY GROUP
 3277 PARSONS RD NW
 EDMONTON, AB
 CA T6N 1B4
 Contact: Kurt Bromling
 kurt@goliathenergy.com
 T: (780)897-6262
 F: