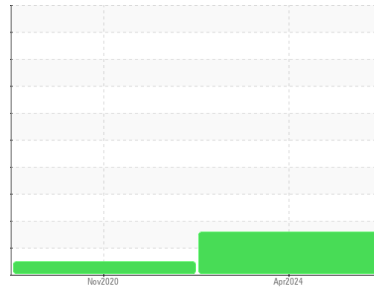




OIL ANALYSIS REPORT

Sample Rating Trend



DEGRADATION



Machine Id
T001275 (S/N 17-M-15-2093)
 Component
Left Final Drive
 Fluid
GEAR OIL SAE 75W140 (--- GAL)

DIAGNOSIS

▲ Recommendation

We recommend that you drain the oil from the component if this has not already been done. 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 AN level is above the recommended limit. Viscosity of sample indicates oil is within SAE 75W90 range, advise investigate. The oil is no longer serviceable.

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			WC0909996	WC0507109	---
Sample Date	Client Info			08 Apr 2024	06 Nov 2020	---
Machine Age	hrs	Client Info		7355	3230	---
Oil Age	hrs	Client Info		0	0	---
Oil Changed	Client Info			N/A	Not Changd	---
Sample Status				ABNORMAL	NORMAL	---

CONTAMINATION	method	limit/base	current	history1	history2
Water	WC Method	>0.2	NEG	NEG	---

WEAR METALS		method	limit/base	current	history1	history2
PQ		ASTM D8184*		24	32	---
Iron	ppm	ASTM D5185(m)	>500	74	541	---
Chromium	ppm	ASTM D5185(m)	>10	<1	7	---
Nickel	ppm	ASTM D5185(m)	>10	0	1	---
Titanium	ppm	ASTM D5185(m)		<1	<1	---
Silver	ppm	ASTM D5185(m)		0	<1	---
Aluminum	ppm	ASTM D5185(m)	>25	4	3	---
Lead	ppm	ASTM D5185(m)	>25	0	<1	---
Copper	ppm	ASTM D5185(m)	>50	<1	<1	---
Tin	ppm	ASTM D5185(m)	>10	0	0	---
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	---

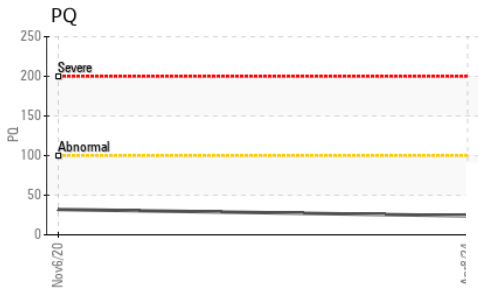
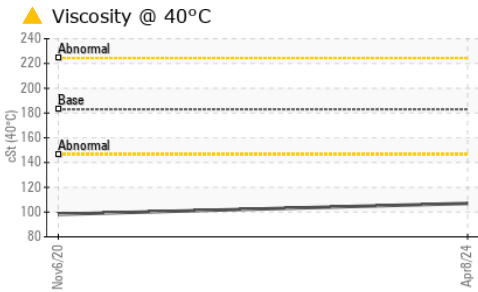
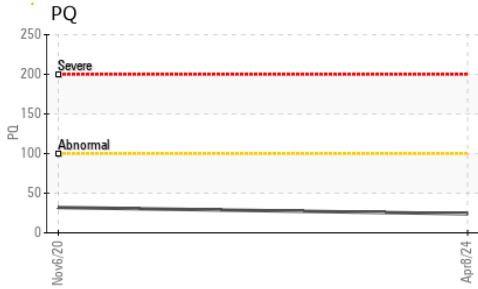
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)	400	255	25	---
Barium	ppm	ASTM D5185(m)	200	0	0	---
Molybdenum	ppm	ASTM D5185(m)	12	0	1	---
Manganese	ppm	ASTM D5185(m)		<1	4	---
Magnesium	ppm	ASTM D5185(m)	12	2	1	---
Calcium	ppm	ASTM D5185(m)	150	101	61	---
Phosphorus	ppm	ASTM D5185(m)	1650	1117	502	---
Zinc	ppm	ASTM D5185(m)	125	47	30	---
Sulfur	ppm	ASTM D5185(m)	22500	4640	16561	---
Lithium	ppm	ASTM D5185(m)		<1	<1	---

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>75	19	14	---
Sodium	ppm	ASTM D5185(m)		1	<1	---
Potassium	ppm	ASTM D5185(m)	>20	2	1	---

FLUID DEGRADATION		method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D974*	2.00	▲ 3.69	1.12	---



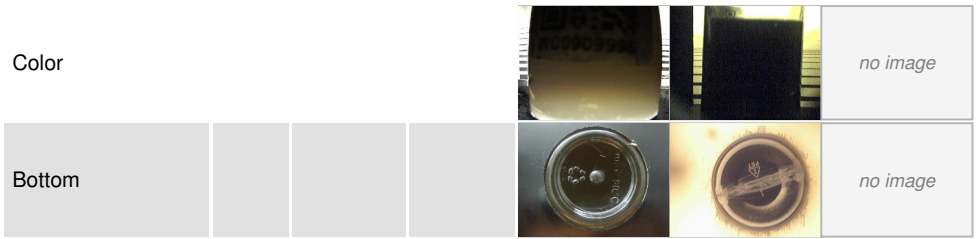
OIL ANALYSIS REPORT



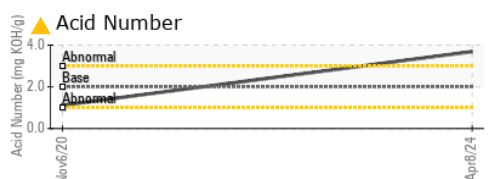
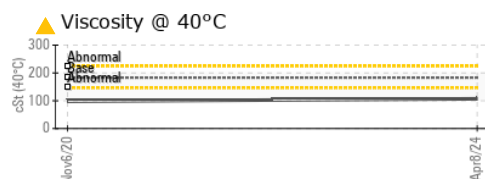
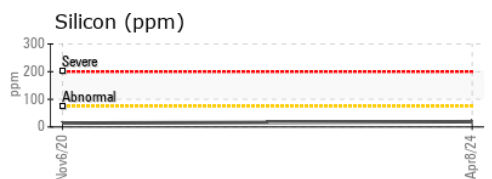
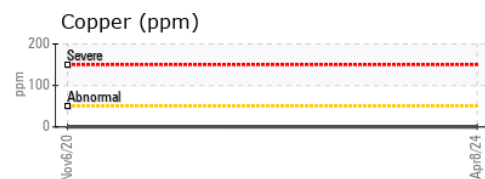
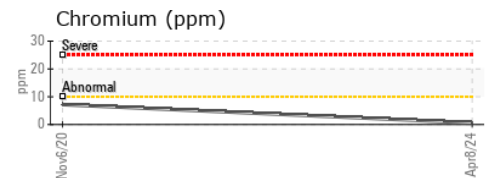
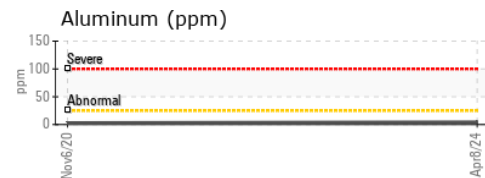
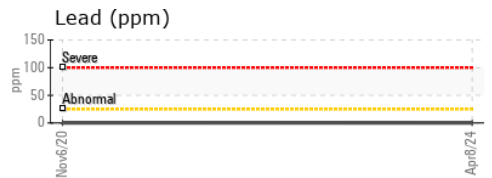
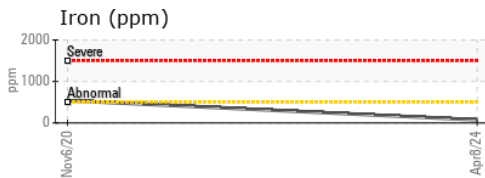
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	NONE	---
Yellow Metal	scalar	Visual*	NONE	NONE	---
Precipitate	scalar	Visual*	NONE	NONE	---
Silt	scalar	Visual*	NONE	NONE	---
Debris	scalar	Visual*	NONE	NONE	---
Sand/Dirt	scalar	Visual*	NONE	NONE	---
Appearance	scalar	Visual*	NORML	NORML	---
Odor	scalar	Visual*	NORML	NORML	---
Emulsified Water	scalar	Visual*	>0.2	NEG	.2%
Free Water	scalar	Visual*		NEG	---

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	183 ▲ 107	98.2	---

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. : WC0909996 **Received** : 10 Apr 2024
Lab Number : 02627944 **Tested** : 12 Apr 2024
Unique Number : 5761076 **Diagnosed** : 12 Apr 2024 - Kevin Marson
Test Package : MOB 2 (Additional Tests: PQ, TAN Man)

RWF Industries
 873 Devonshire Ave.
 Woodstock, ON
 CA N4S 8Z4
 Contact: Tami Arnold
 tamia@rwfbron.com

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.

T:
 F: (519)421-0028