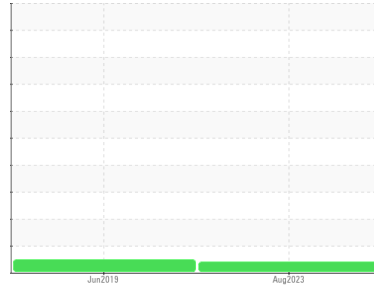




OIL ANALYSIS REPORT

Sample Rating Trend



VISCOSITY



Machine Id
T001248 (S/N 16-M-06-1996)

Component
Right Final Drive
Fluid
SAE 75W140 (--- 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

Viscosity of sample indicates oil is within SAE 90 range, advise investigate. The condition of the oil is acceptable for the time in service.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		WC0832198	WC0311871	---
Sample Date	Client Info		04 Aug 2023	19 Jun 2019	---
Machine Age	hrs	Client Info	6048	2700	---
Oil Age	hrs	Client Info	0	0	---
Oil Changed	Client Info		N/A	N/A	---
Sample Status			ABNORMAL	NORMAL	---

WEAR METALS

	method	limit/base	current	history1	history2
PQ	ASTM D8184*		49	14	---
Iron	ppm	ASTM D5185(m) >500	606	59	---
Chromium	ppm	ASTM D5185(m) >10	8	<1	---
Nickel	ppm	ASTM D5185(m) >10	2	<1	---
Titanium	ppm	ASTM D5185(m)	<1	0	---
Silver	ppm	ASTM D5185(m)	0	0	---
Aluminum	ppm	ASTM D5185(m) >25	3	2	---
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)	10	6	---
Barium	ppm	ASTM D5185(m)	0	0	---
Molybdenum	ppm	ASTM D5185(m)	1	93	---
Manganese	ppm	ASTM D5185(m)	4	<1	---
Magnesium	ppm	ASTM D5185(m)	5	3	---
Calcium	ppm	ASTM D5185(m)	22	23	---
Phosphorus	ppm	ASTM D5185(m)	478	199	---
Zinc	ppm	ASTM D5185(m)	21	7	---
Sulfur	ppm	ASTM D5185(m)	14216	6086	---
Lithium	ppm	ASTM D5185(m)	<1	0	---

CONTAMINANTS

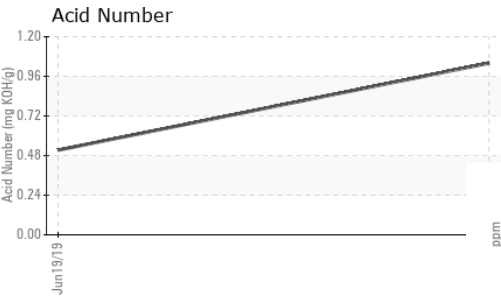
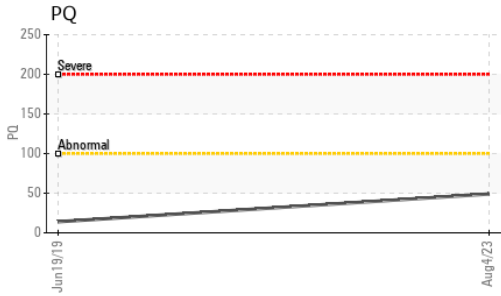
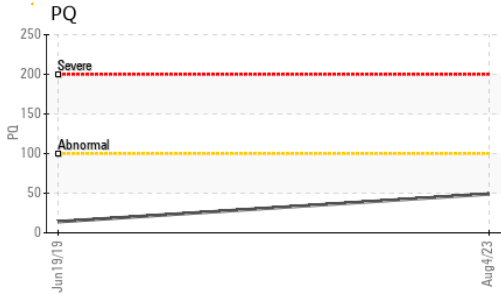
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m) >75	18	7	---
Sodium	ppm	ASTM D5185(m)	<1	0	---
Potassium	ppm	ASTM D5185(m) >20	1	<1	---

FLUID DEGRADATION

	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D974*	1.04	0.513	---



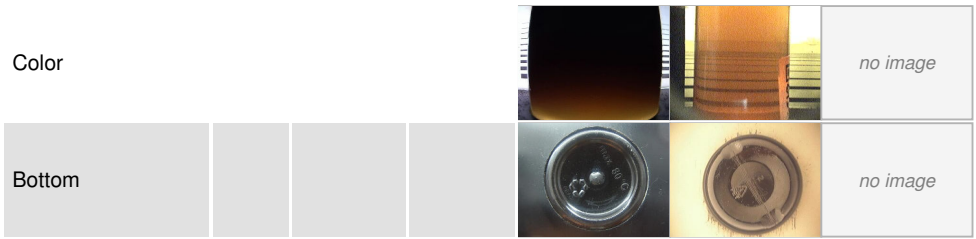
OIL ANALYSIS REPORT



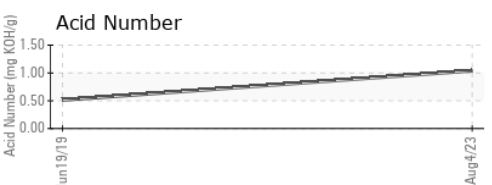
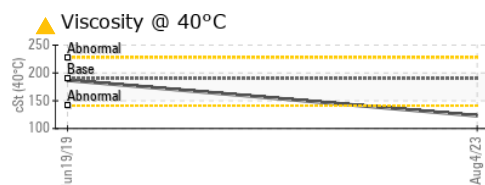
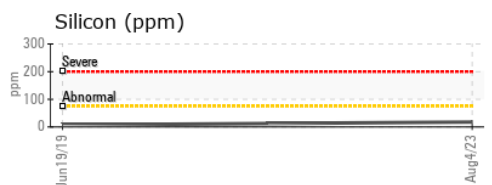
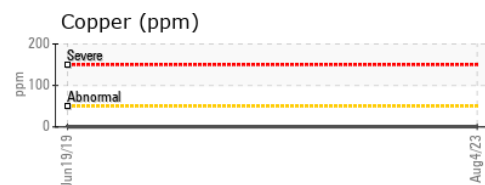
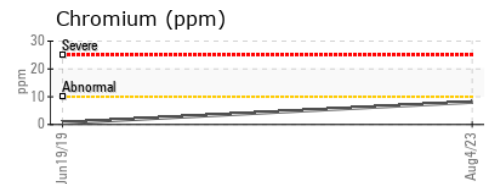
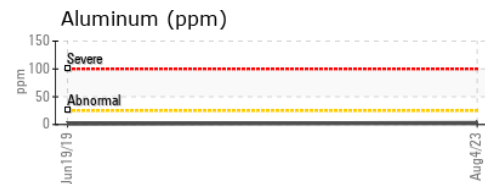
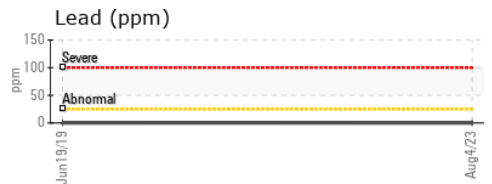
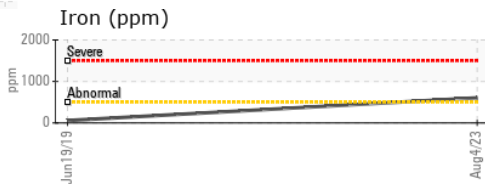
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	VLITE	NONE
Yellow Metal	scalar	Visual*	NONE	NONE	NONE
Precipitate	scalar	Visual*	NONE	NONE	NONE
Silt	scalar	Visual*	NONE	NONE	NONE
Debris	scalar	Visual*	NONE	VLITE	NONE
Sand/Dirt	scalar	Visual*	NONE	NONE	NONE
Appearance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

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	190 ▲ 123	187	---

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. : WC0832198 **Received** : 11 Aug 2023
Lab Number : 02575436 **Diagnosed** : 14 Aug 2023
Unique Number : 5620487 **Diagnostician** : Kevin Marson
Test Package : MOB 2 (Additional Tests: PQ, TAN Man)

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.

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