



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
5050
 Component
Rear Differential
 Fluid
{not provided} (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor. Please specify the component make and model with your next sample. Please specify the brand, type, and viscosity of the oil on your next sample.

WEAR

All component wear rates are normal.

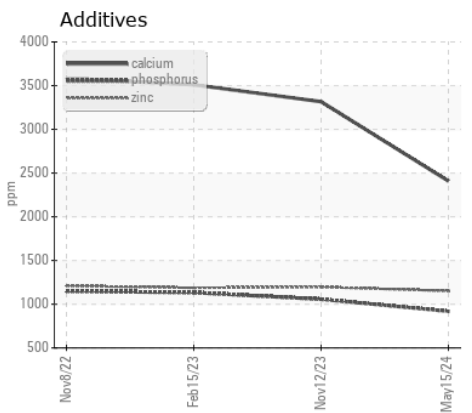
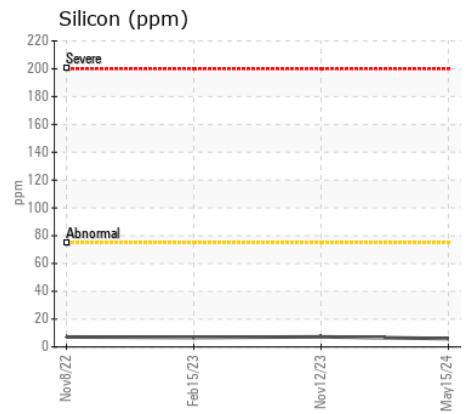
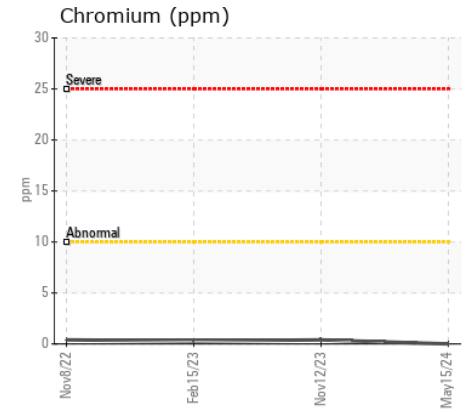
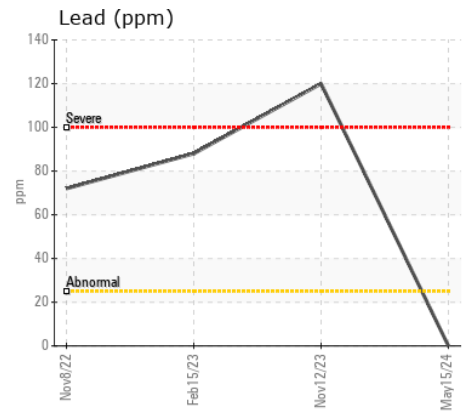
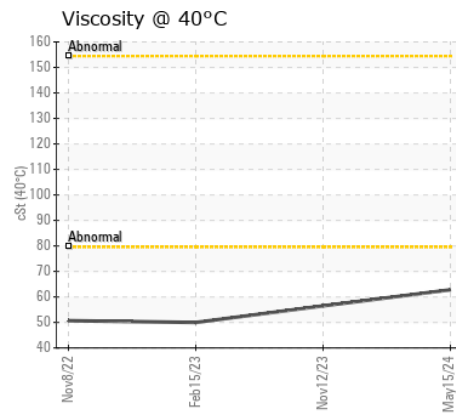
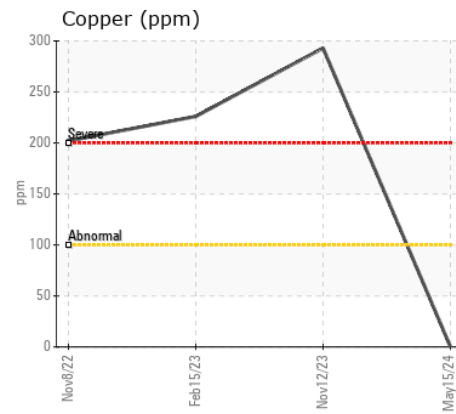
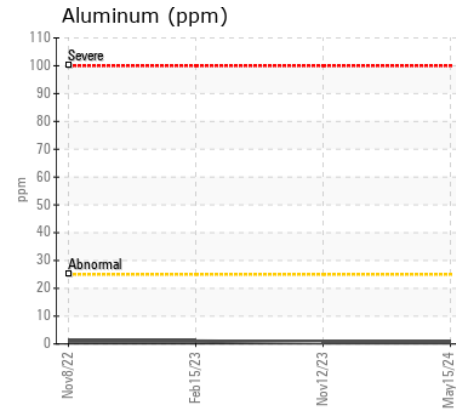
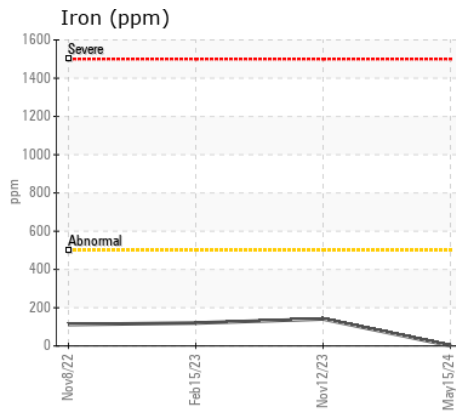
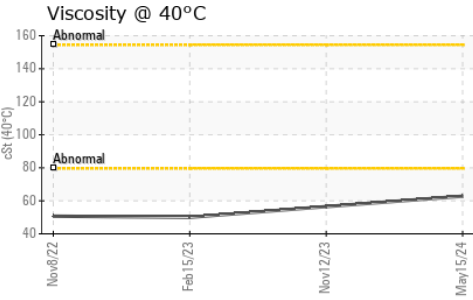
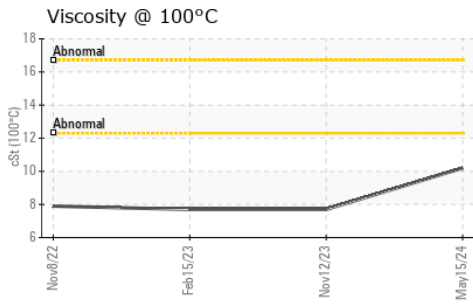
CONTAMINATION

There is no indication of any contamination in the oil.

FLUID CONDITION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		PC0083725	PC0082323	PC0071171
Sample Date		Client Info		15 May 2024	12 Nov 2023	15 Feb 2023
Machine Age	hrs	Client Info		2914	2460	1587
Oil Age	hrs	Client Info		0	0	0
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	N/A
Filter Changed		Client Info		N/A	N/A	N/A
Sample Status				NORMAL	ABNORMAL	ABNORMAL
Iron	ppm	ASTM D5185(m)	>500	1	141	120
Chromium	ppm	ASTM D5185(m)	>10	0	<1	<1
Nickel	ppm	ASTM D5185(m)	>10	0	<1	<1
Titanium	ppm	ASTM D5185(m)		0	0	<1
Silver	ppm	ASTM D5185(m)		0	<1	0
Aluminum	ppm	ASTM D5185(m)	>25	<1	<1	1
Lead	ppm	ASTM D5185(m)	>25	0	▲ 120	▲ 88
Copper	ppm	ASTM D5185(m)	>100	<1	293	226
Tin	ppm	ASTM D5185(m)	>10	0	<1	1
Vanadium	ppm	ASTM D5185(m)		0	0	0
White Metal	scalar	Visual*	NONE	NONE	NONE	NONE
Yellow Metal	scalar	Visual*	NONE	NONE	NONE	NONE
Silicon	ppm	ASTM D5185(m)	>75	6	7	7
Potassium	ppm	ASTM D5185(m)	>20	<1	1	2
Water		WC Method	>.2	NEG	NEG	NEG
Silt	scalar	Visual*	NONE	NONE	NONE	NONE
Debris	scalar	Visual*	NONE	VLITE	NONE	NONE
Sand/Dirt	scalar	Visual*	NONE	NONE	NONE	NONE
Appearance	scalar	Visual*	NORML	NORML	NORML	NORML
Odor	scalar	Visual*	NORML	NORML	NORML	NORML
Emulsified Water	scalar	Visual*	>.2	NEG	NEG	.2%
Sodium	ppm	ASTM D5185(m)		2	5	17
Boron	ppm	ASTM D5185(m)		39	12	14
Barium	ppm	ASTM D5185(m)		0	6	6
Molybdenum	ppm	ASTM D5185(m)		12	1	<1
Manganese	ppm	ASTM D5185(m)		0	3	3
Magnesium	ppm	ASTM D5185(m)		213	84	86
Calcium	ppm	ASTM D5185(m)		2409	3317	3510
Phosphorus	ppm	ASTM D5185(m)		919	1057	1134
Zinc	ppm	ASTM D5185(m)		1152	1197	1187
Sulfur	ppm	ASTM D5185(m)		2653	3400	3539
Visc @ 40°C	cSt	ASTM D7279(m)		62.8	56.5	50.0
Visc @ 100°C	cSt	ASTM D7279(m)		10.2	7.7	7.7
Viscosity Index (VI)	Scale	ASTM D2270*		149	99	119



ISO 17025:2017
Accredited
Laboratory

Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9

Sample No. : PC0083725

Lab Number : 02636716

Unique Number : 5785878

Test Package : MOB 1 (Additional Tests: KV100, VI)

Received : 21 May 2024

Tested : 21 May 2024

Diagnosed : 21 May 2024 - Wes Davis

LES ENTREPRISES MICHAUDVILLE INC.

270 RUE BRUNET

MONT ST-HILAIRE, QC

CA J3H 0M6

Contact: Martin Trudel

mtrudel@michaudville.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: