



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
1516
 Component
Transmission (Manual)
 Fluid
GEAR OIL SAE 75W90 (--- GAL)

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.

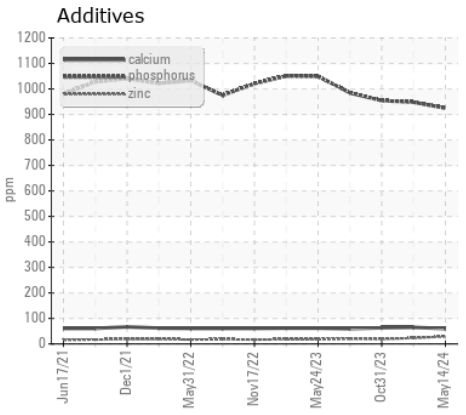
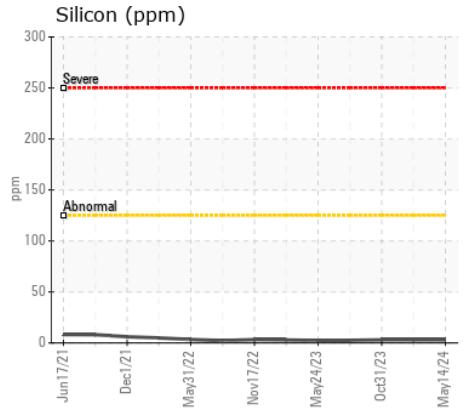
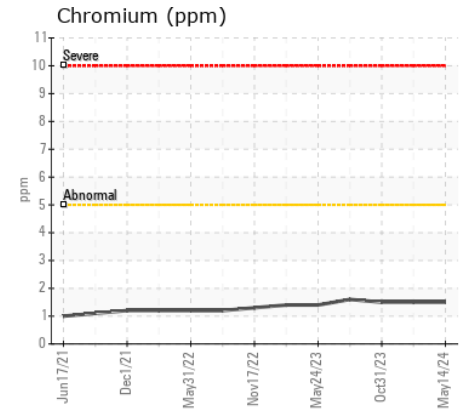
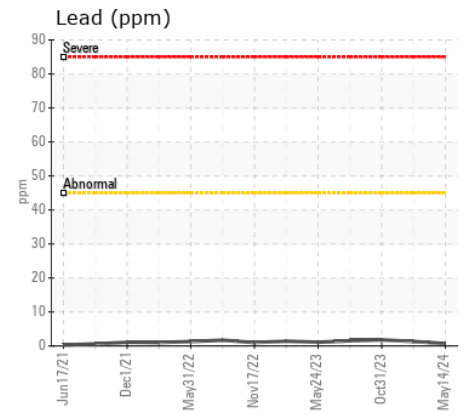
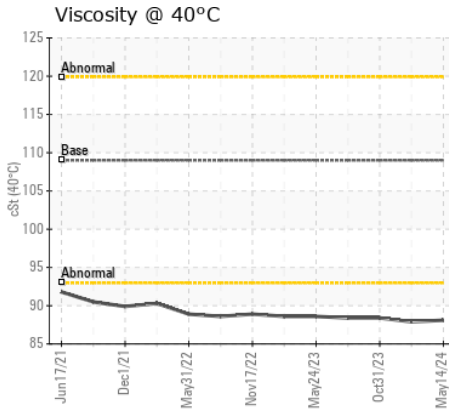
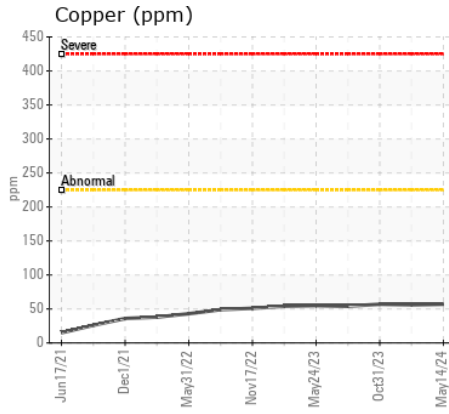
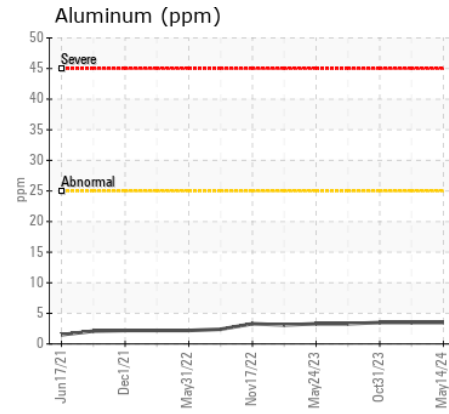
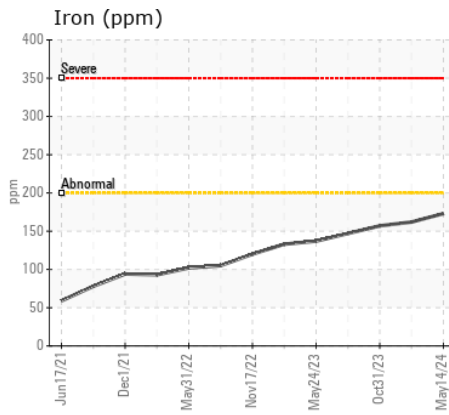
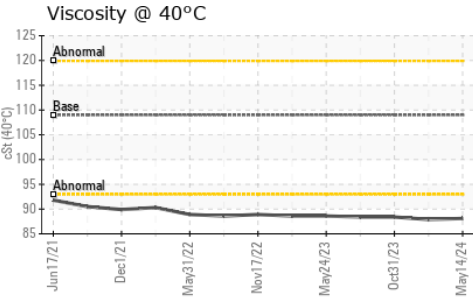
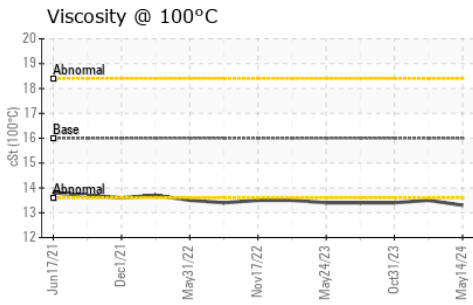
CONTAMINATION

There is no indication of any contamination in the fluid.

FLUID CONDITION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		PC0083276	PC0083692	PC0082282
Sample Date		Client Info		14 May 2024	04 Feb 2024	31 Oct 2023
Machine Age	hrs	Client Info		6586	6046	5577
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	NORMAL	NORMAL
Iron	ppm	ASTM D5185(m)	>200	173	162	157
Chromium	ppm	ASTM D5185(m)	>5	2	2	2
Nickel	ppm	ASTM D5185(m)	>5	<1	<1	<1
Titanium	ppm	ASTM D5185(m)		<1	0	0
Silver	ppm	ASTM D5185(m)	>7	0	0	<1
Aluminum	ppm	ASTM D5185(m)	>25	4	4	4
Lead	ppm	ASTM D5185(m)	>45	<1	1	2
Copper	ppm	ASTM D5185(m)	>225	57	56	57
Tin	ppm	ASTM D5185(m)	>10	0	0	0
Vanadium	ppm	ASTM D5185(m)		0	0	0
White Metal	scalar	Visual*	NONE	NONE	NONE	NONE
Yellow Metal	scalar	Visual*	NONE	NONE	VLITE	NONE
Silicon	ppm	ASTM D5185(m)	>125	3	3	3
Potassium	ppm	ASTM D5185(m)	>20	2	3	1
Water		WC Method	>0.1	NEG	NEG	NEG
Silt	scalar	Visual*	NONE	NONE	NONE	NONE
Debris	scalar	Visual*	NONE	NONE	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*	>0.1	NEG	NEG	NEG
Sodium	ppm	ASTM D5185(m)		8	7	7
Boron	ppm	ASTM D5185(m)	400	202	198	205
Barium	ppm	ASTM D5185(m)	200	3	3	3
Molybdenum	ppm	ASTM D5185(m)	12	0	<1	<1
Manganese	ppm	ASTM D5185(m)		11	11	11
Magnesium	ppm	ASTM D5185(m)	12	5	5	4
Calcium	ppm	ASTM D5185(m)	150	60	65	63
Phosphorus	ppm	ASTM D5185(m)	1650	925	948	954
Zinc	ppm	ASTM D5185(m)	125	29	23	19
Sulfur	ppm	ASTM D5185(m)	22500	347	377	356
Visc @ 40°C	cSt	ASTM D7279(m)	109	88.1	87.9	88.4
Visc @ 100°C	cSt	ASTM D7279(m)	16.0	13.3	13.5	13.4
Viscosity Index (VI)	Scale	ASTM D2270*	157	151	155	153



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0083276 **Received** : 15 May 2024
Lab Number : 02635733 **Tested** : 15 May 2024
Unique Number : 5776886 **Diagnosed** : 16 May 2024 - Kevin Marson
Test Package : MOB 1 (Additional Tests: KV100, VI)

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.