

Area
MICHAUDVILLE
Machine Id
1154
Component
Transmission (Auto)
Fluid
ATF (PAO) (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) ATF (PAO). Please confirm. Please specify the component make and model with your next sample.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		PC0082955	PC0084413	PC0082279
Sample Date		Client Info		04 Jun 2024	28 Feb 2024	31 Oct 2023
Machine Age	hrs	Client Info		9749	9193	8735
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

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185(m)	>160	68	65	62
Chromium	ppm	ASTM D5185(m)	>5	0	0	0
Nickel	ppm	ASTM D5185(m)	>5	0	<1	<1
Titanium	ppm	ASTM D5185(m)		0	0	0
Silver	ppm	ASTM D5185(m)	>5	0	0	<1
Aluminum	ppm	ASTM D5185(m)	>50	33	29	27
Lead	ppm	ASTM D5185(m)	>50	7	8	7
Copper	ppm	ASTM D5185(m)	>225	7	7	7
Tin	ppm	ASTM D5185(m)	>10	3	3	2
Vanadium	ppm	ASTM D5185(m)		0	0	0
White Metal	scalar	Visual*	NONE	NONE	NONE	NONE
Yellow Metal	scalar	Visual*	NONE	NONE	NONE	NONE

CONTAMINATION

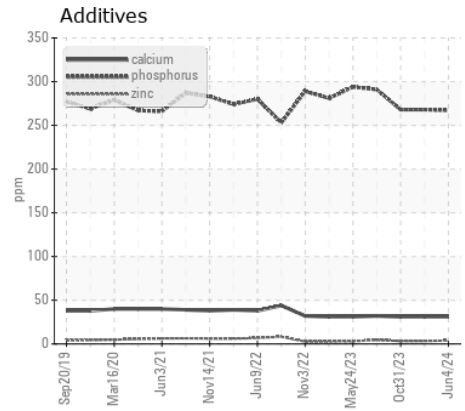
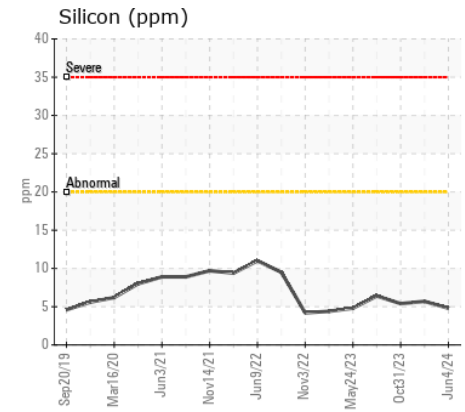
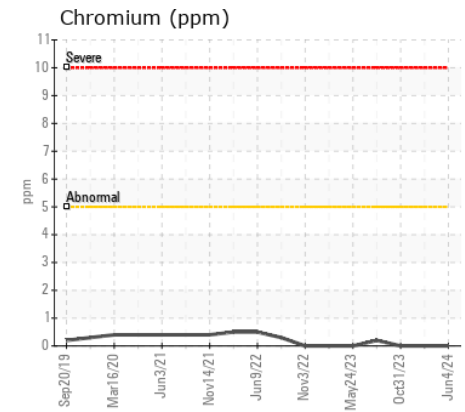
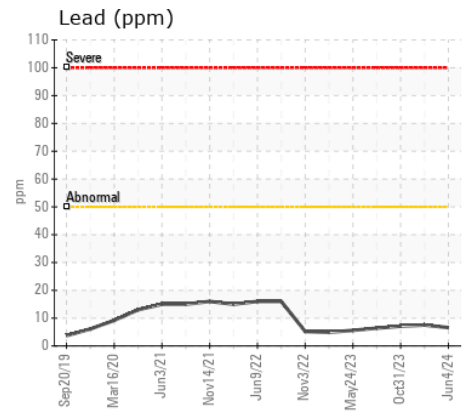
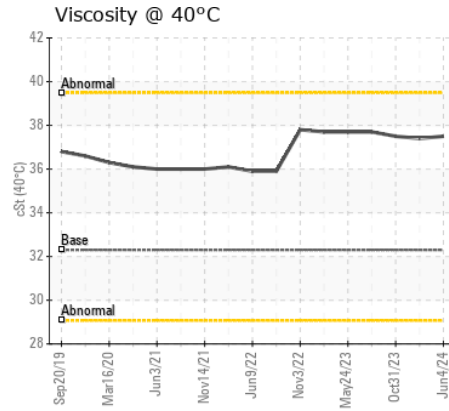
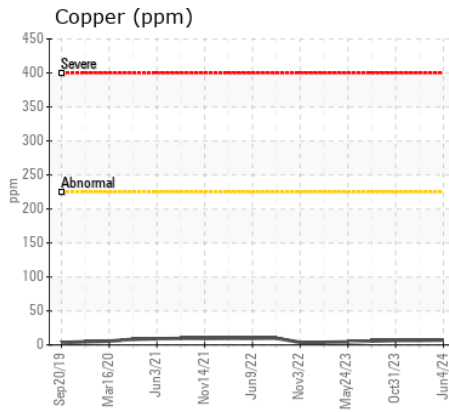
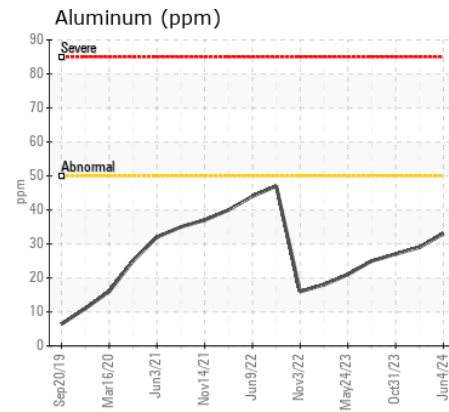
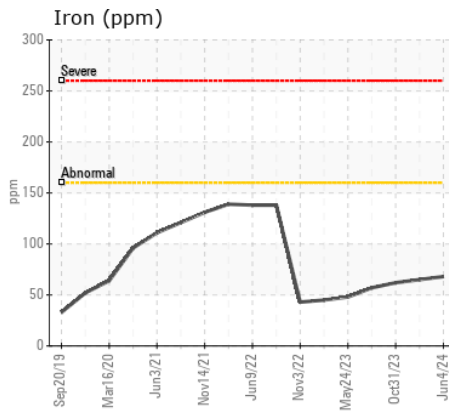
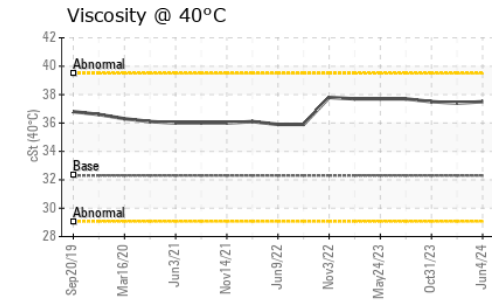
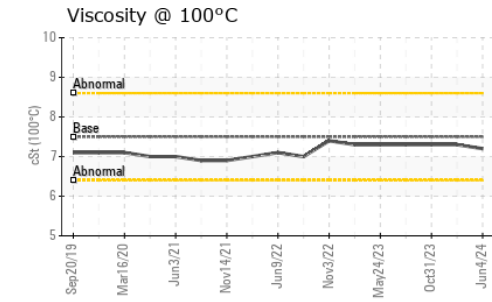
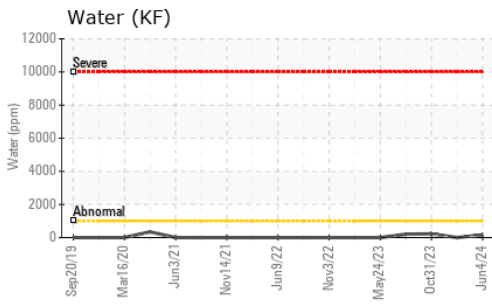
The water content is negligible. There is no indication of any contamination in the fluid.

Silicon	ppm	ASTM D5185(m)	>20	5	6	5
Potassium	ppm	ASTM D5185(m)	>20	2	3	2
Water	%	ASTM D6304*	>0.1	0.016	---	0.022
ppm Water	ppm	ASTM D6304*	>1000	163	---	227.6
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	HAZY	NORML	NORML
Odor	scalar	Visual*	NORML	NORML	NORML	NORML
Emulsified Water	scalar	Visual*	>0.1	NEG	NEG	.2%

FLUID CONDITION

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

Sodium	ppm	ASTM D5185(m)		4	4	4
Boron	ppm	ASTM D5185(m)	175	101	105	107
Barium	ppm	ASTM D5185(m)	5	<1	0	<1
Molybdenum	ppm	ASTM D5185(m)	5	0	0	0
Manganese	ppm	ASTM D5185(m)		1	<1	<1
Magnesium	ppm	ASTM D5185(m)	5	<1	<1	0
Calcium	ppm	ASTM D5185(m)	125	31	31	31
Phosphorus	ppm	ASTM D5185(m)	290	267	268	268
Zinc	ppm	ASTM D5185(m)	10	4	3	3
Sulfur	ppm	ASTM D5185(m)	400	285	434	293
Visc @ 40°C	cSt	ASTM D7279(m)	32.3	37.5	37.4	37.5
Visc @ 100°C	cSt	ASTM D7279(m)	7.5	7.2	7.3	7.3
Viscosity Index (VI)	Scale	ASTM D2270*	211	158	163	163



ISO 17025:2017
Accredited
Laboratory

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

Sample No. : PC0082955

Lab Number : 02639938

Unique Number : 5789100

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

Received : 05 Jun 2024

Tested : 06 Jun 2024

Diagnosed : 06 Jun 2024 - Kevin Marson

LES ENTREPRISES MICHAUVILLE 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: