

Area
MICHAUDVILLE
Machine Id
1202
Component
Transmission (Auto)
Fluid
DEXRON III (--- GAL)

RECOMMENDATION

We recommend that you drain the fluid from the component if this has not already been done. We recommend an early resample to monitor this condition. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) DEXRON III. Please confirm. Please specify the component make and model with your next sample.

WEAR

Iron and lead ppm levels are abnormal. Clutch disc wear indicated. The low ferrous density (PQ) index indicates the wear metal levels are due to corrosion.

CONTAMINATION

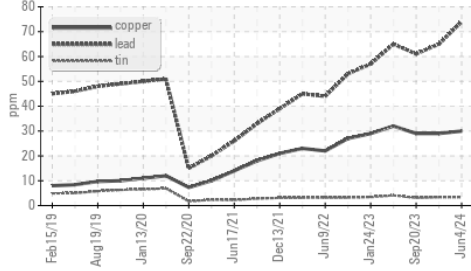
There is no indication of any contamination in the fluid.

FLUID CONDITION

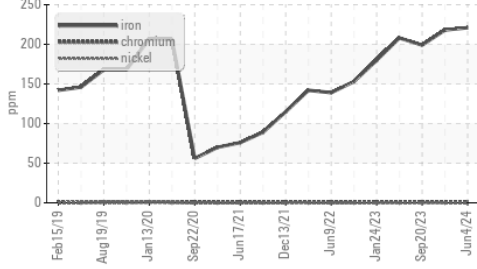
The fluid is no longer serviceable as a result of the abnormal and/or severe wear.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		PC0083223	PC0083712	PC0082245
Sample Date		Client Info		04 Jun 2024	16 Jan 2024	20 Sep 2023
Machine Age	kms	Client Info		314657	12644	12197
Oil Age	kms	Client Info		0	0	0
Filter Age	kms	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				ABNORMAL	ABNORMAL	ABNORMAL
PQ		ASTM D8184*	>50	21	29	9
Iron	ppm	ASTM D5185(m)	>160	▲ 221	▲ 218	▲ 199
Chromium	ppm	ASTM D5185(m)	>5	<1	<1	<1
Nickel	ppm	ASTM D5185(m)	>5	0	0	<1
Titanium	ppm	ASTM D5185(m)		0	0	0
Silver	ppm	ASTM D5185(m)	>5	0	0	0
Aluminum	ppm	ASTM D5185(m)	>50	29	27	26
Lead	ppm	ASTM D5185(m)	>50	▲ 74	▲ 65	▲ 61
Copper	ppm	ASTM D5185(m)	>225	30	29	29
Tin	ppm	ASTM D5185(m)	>10	3	3	3
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)	>20	6	7	7
Potassium	ppm	ASTM D5185(m)	>20	2	0	2
Water		WC Method	>0.1	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*	>0.1	NEG	NEG	NEG
Sodium	ppm	ASTM D5185(m)		8	8	9
Boron	ppm	ASTM D5185(m)		144	141	146
Barium	ppm	ASTM D5185(m)		0	0	0
Molybdenum	ppm	ASTM D5185(m)		0	0	<1
Manganese	ppm	ASTM D5185(m)		2	2	2
Magnesium	ppm	ASTM D5185(m)		1	1	<1
Calcium	ppm	ASTM D5185(m)		128	129	129
Phosphorus	ppm	ASTM D5185(m)		404	398	430
Zinc	ppm	ASTM D5185(m)		16	16	17
Sulfur	ppm	ASTM D5185(m)		1921	2079	1994
Visc @ 40°C	cSt	ASTM D7279(m)	26.0	34.2	34.7	34.4
Visc @ 100°C	cSt	ASTM D7279(m)	5.5	6.7	6.8	6.8
Viscosity Index (VI)	Scale	ASTM D2270*	155	156	158	160

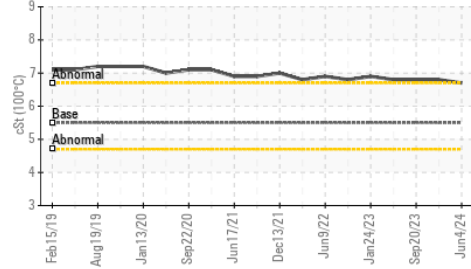
▲ Non-ferrous Metals



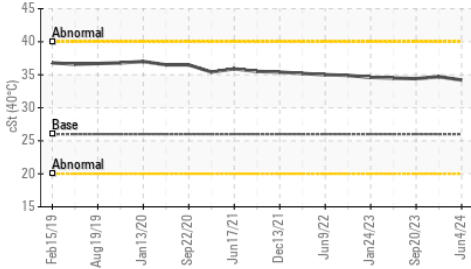
▲ Ferrous Alloys



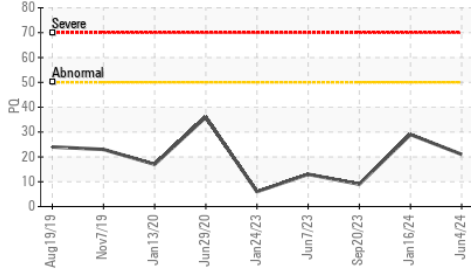
Viscosity @ 100°C



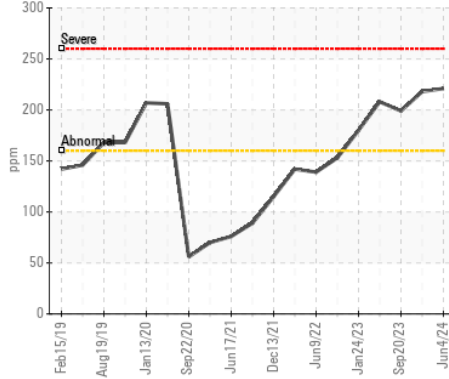
Viscosity @ 40°C



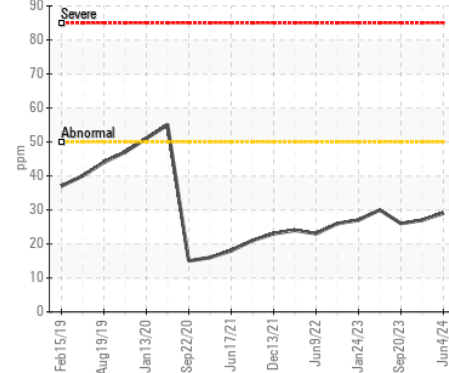
PQ



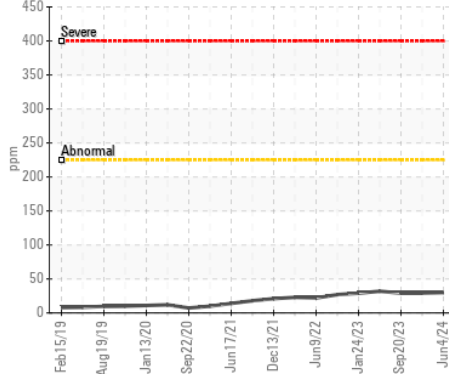
▲ Iron (ppm)



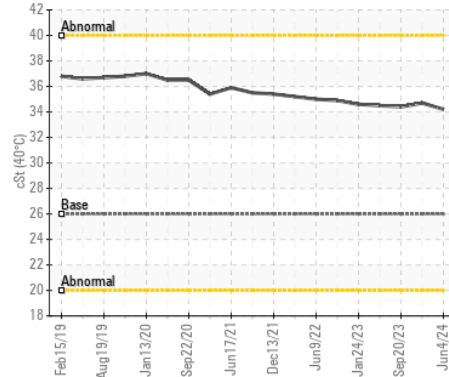
Aluminum (ppm)



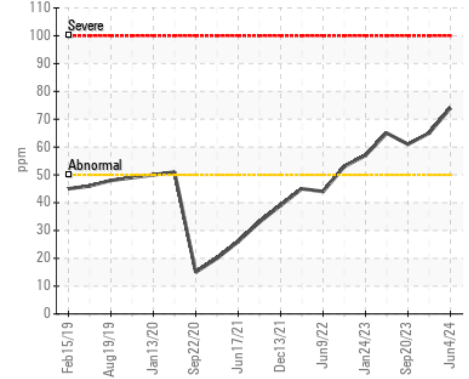
Copper (ppm)



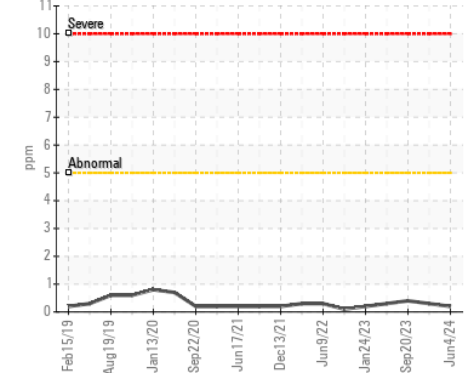
Viscosity @ 40°C



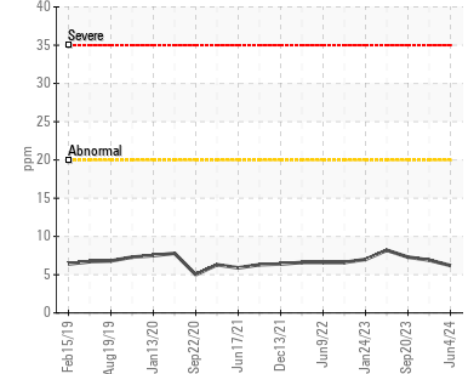
▲ Lead (ppm)



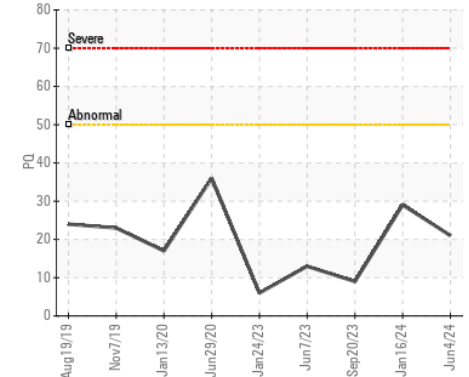
Chromium (ppm)



Silicon (ppm)



PQ



ISO 17025:2017
Accredited
Laboratory

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

Sample No. : PC0083223

Lab Number : 02639941

Unique Number : 5789103

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

Received : 05 Jun 2024

Tested : 06 Jun 2024

Diagnosed : 06 Jun 2024 - Kevin Marson

LES ENTREPRISES MICHAUDVILLE INC.

270 RUE BRUNET

MONT ST-HILAIRE, QC

CA J3H 0M6

Contact: Martin Trudel

mtrudel@michaudville.com

T:

F:

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.