

Area
MICHAUDVILLE
Machine Id
1170
Component
Transmission (Auto)
Fluid
ATF (PAO) (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor. Please specify the component make and model with your next sample.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		PC0082908	PC0054225	PC0011453
Sample Date		Client Info		11 Jun 2024	02 Sep 2021	29 Apr 2019
Machine Age	kms	Client Info		11708	11431	2587
Oil Age	kms	Client Info		0	0	0
Filter Age	kms	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	Not Changd
Filter Changed		Client Info		N/A	N/A	Not Changd
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185(m)	>160	151	142	60
Chromium	ppm	ASTM D5185(m)	>5	<1	<1	<1
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	0
Aluminum	ppm	ASTM D5185(m)	>50	38	36	17
Lead	ppm	ASTM D5185(m)	>50	3	4	6
Copper	ppm	ASTM D5185(m)	>225	25	24	4
Tin	ppm	ASTM D5185(m)	>10	2	2	<1
Vanadium	ppm	ASTM D5185(m)		0	0	0
White Metal	scalar	Visual*	NONE	NONE	VLITE	NONE
Yellow Metal	scalar	Visual*	NONE	NONE	NONE	NONE

CONTAMINATION

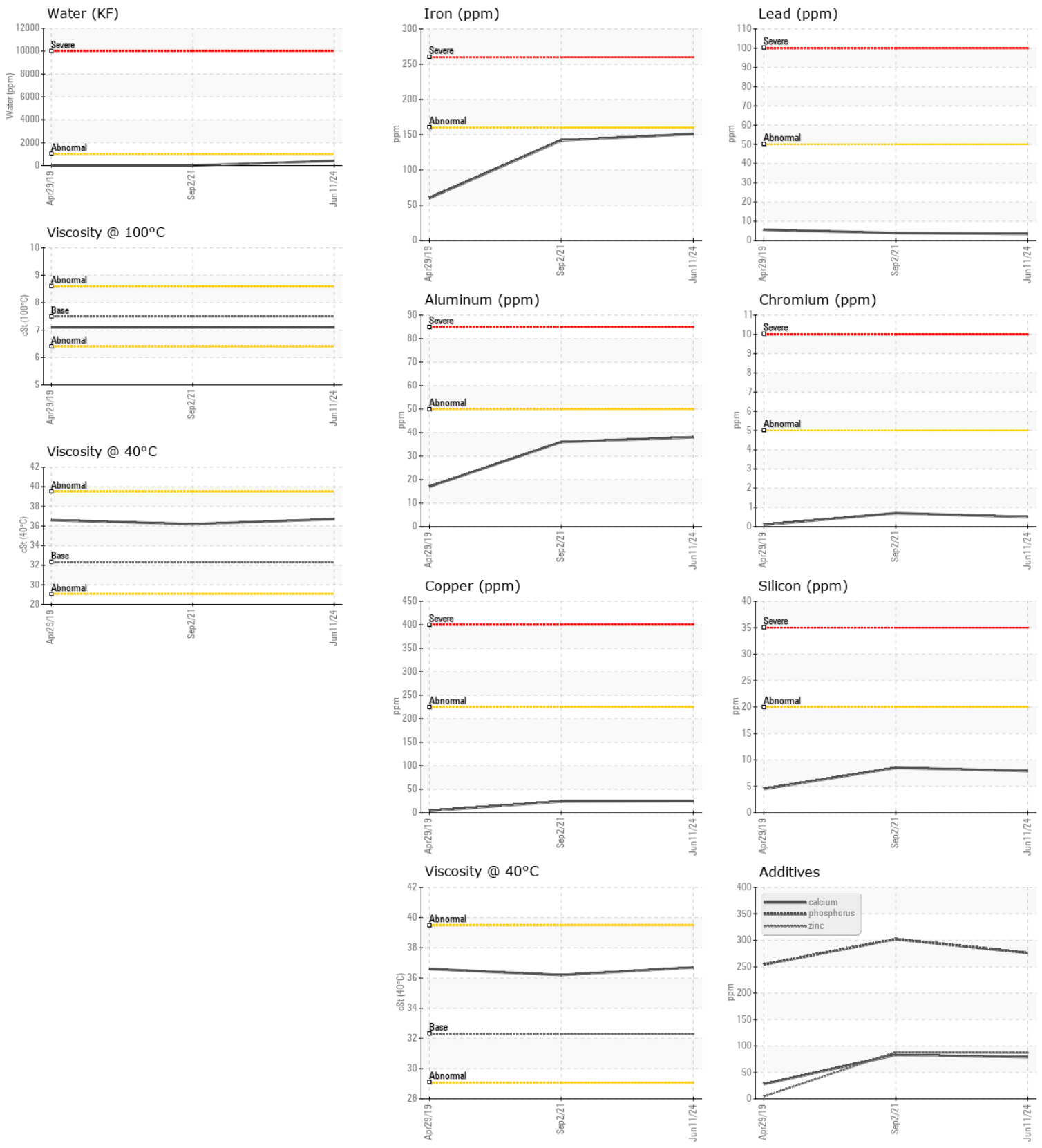
The water content is negligible. There is no indication of any contamination in the fluid.

Silicon	ppm	ASTM D5185(m)	>20	8	8	4
Potassium	ppm	ASTM D5185(m)	>20	1	1	1
Water	%	ASTM D6304*	>0.1	0.041	---	---
ppm Water	ppm	ASTM D6304*	>1000	413	---	---
Silt	scalar	Visual*	NONE	NONE	NONE	NONE
Debris	scalar	Visual*	NONE	NONE	VLITE	LIGHT
Sand/Dirt	scalar	Visual*	NONE	VLITE	NONE	NONE
Appearance	scalar	Visual*	NORML	NORML	NORML	NORML
Odor	scalar	Visual*	NORML	NORML	NORML	NORML
Emulsified Water	scalar	Visual*	>0.1	.2%	NEG	NEG

FLUID CONDITION

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

Sodium	ppm	ASTM D5185(m)		7	6	3
Boron	ppm	ASTM D5185(m)	175	102	107	116
Barium	ppm	ASTM D5185(m)	5	0	0	<1
Molybdenum	ppm	ASTM D5185(m)	5	<1	1	<1
Manganese	ppm	ASTM D5185(m)		1	1	1
Magnesium	ppm	ASTM D5185(m)	5	<1	<1	<1
Calcium	ppm	ASTM D5185(m)	125	79	83	28
Phosphorus	ppm	ASTM D5185(m)	290	276	302	254
Zinc	ppm	ASTM D5185(m)	10	87	88	4
Sulfur	ppm	ASTM D5185(m)	400	297	311	243
Visc @ 40°C	cSt	ASTM D7279(m)	32.3	36.7	36.2	36.6
Visc @ 100°C	cSt	ASTM D7279(m)	7.5	7.1	7.1	7.1
Viscosity Index (VI)	Scale	ASTM D2270*	211	159	162	160



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0082908
Lab Number : 02641465
Unique Number : 5799004
Test Package : MOB 1 (Additional Tests: KF, KV100, VI)

LES ENTREPRISES MICHAUVILLE INC.
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*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.*