

Machine Id
5051
Component
Transmission (Manual)
Fluid
TDTO FLUID SAE 20 (--- 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.

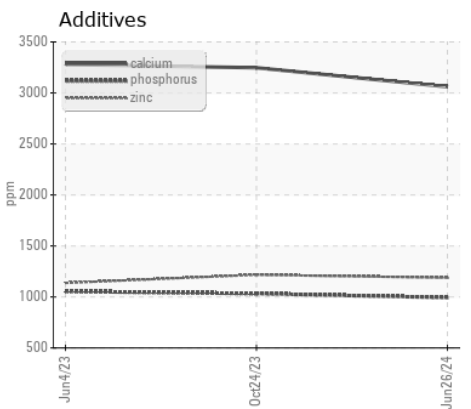
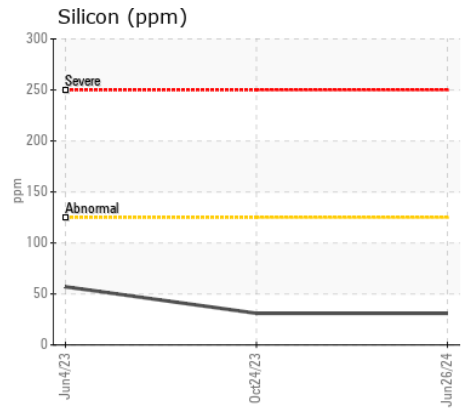
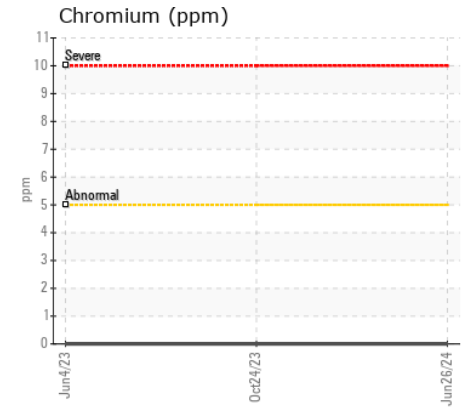
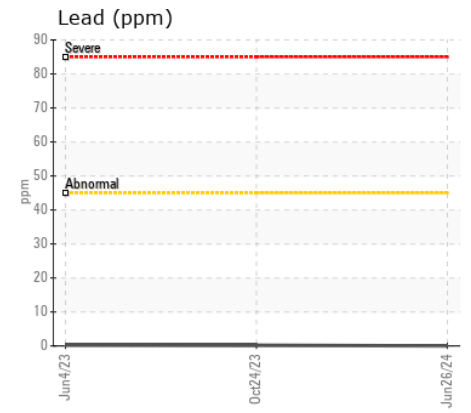
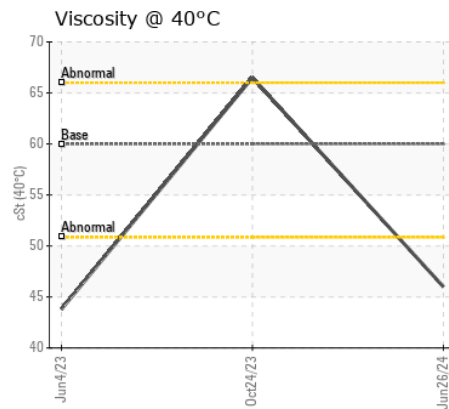
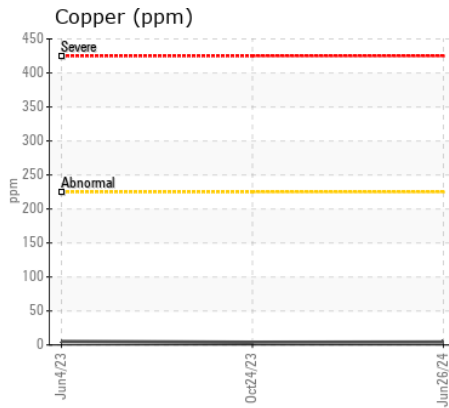
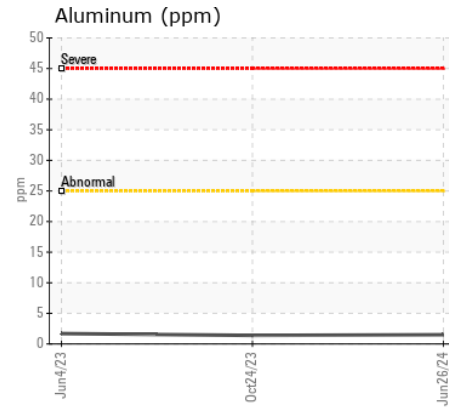
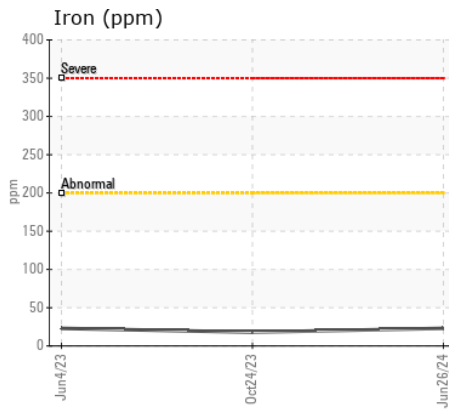
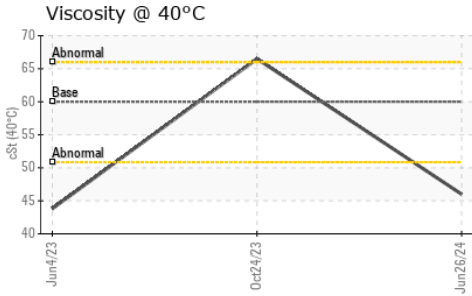
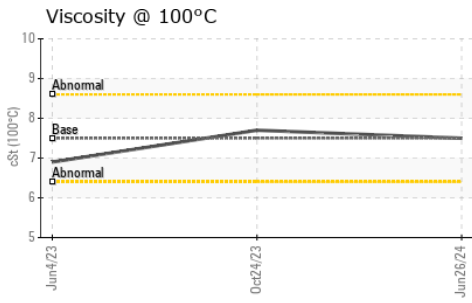
CONTAMINATION

There is no indication of any contamination in the fluid.

FLUID CONDITION

The fluid viscosity is lower than typical, possibly indicating the addition of lighter grade fluid. The condition of the fluid is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		PC0084304	PC0082572	PC0072140
Sample Date		Client Info		26 Jun 2024	24 Oct 2023	04 Jun 2023
Machine Age	hrs	Client Info		2740	1519	1913
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	23	18	23
Chromium	ppm	ASTM D5185(m)	>5	0	0	0
Nickel	ppm	ASTM D5185(m)	>5	<1	0	0
Titanium	ppm	ASTM D5185(m)		0	0	0
Silver	ppm	ASTM D5185(m)	>7	<1	<1	0
Aluminum	ppm	ASTM D5185(m)	>25	2	1	2
Lead	ppm	ASTM D5185(m)	>45	0	<1	<1
Copper	ppm	ASTM D5185(m)	>225	4	4	5
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	NONE	NONE
Silicon	ppm	ASTM D5185(m)	>125	31	31	57
Potassium	ppm	ASTM D5185(m)	>20	<1	<1	2
Water		WC Method	>0.1	NEG	NEG	NEG
Silt	scalar	Visual*	NONE	VLITE	VLITE	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)		17	18	29
Boron	ppm	ASTM D5185(m)	37	53	54	6
Barium	ppm	ASTM D5185(m)	7	<1	<1	<1
Molybdenum	ppm	ASTM D5185(m)	5	<1	<1	1
Manganese	ppm	ASTM D5185(m)		<1	0	<1
Magnesium	ppm	ASTM D5185(m)	40	43	46	81
Calcium	ppm	ASTM D5185(m)	2650	3061	3247	3279
Phosphorus	ppm	ASTM D5185(m)	1050	993	1033	1055
Zinc	ppm	ASTM D5185(m)	1075	1188	1217	1137
Sulfur	ppm	ASTM D5185(m)	5750	2795	2894	2935
Visc @ 40°C	cSt	ASTM D7279(m)	60	46.0	66.5	43.8
Visc @ 100°C	cSt	ASTM D7279(m)	7.5	7.5	7.7	6.9
Viscosity Index (VI)	Scale	ASTM D2270*	82	128	72	114



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0084304
Lab Number : 02644367
Unique Number : 5801906
Test Package : MOB 1 (Additional Tests: KV100, VI)

LES ENTREPRISES MICHAUVILLE INC.
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 Contact: Martin Trudel
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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.

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