



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
5051
 Component
Front Differential
 Fluid
TDTO FLUID SAE 20 (--- 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) TDTO FLUID SAE 20. Please confirm. Please specify the component make and model with your next sample.

WEAR

All component wear rates are normal.

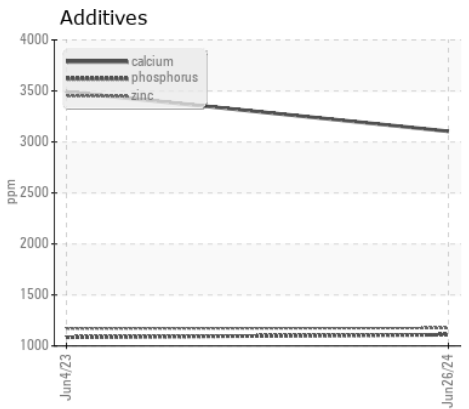
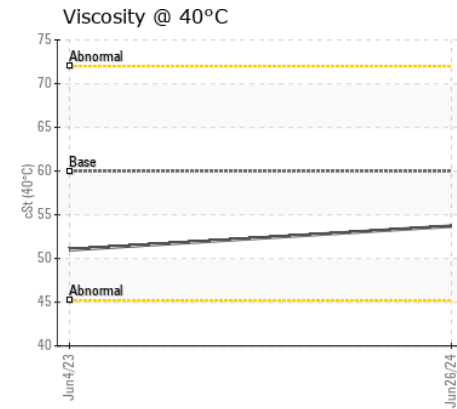
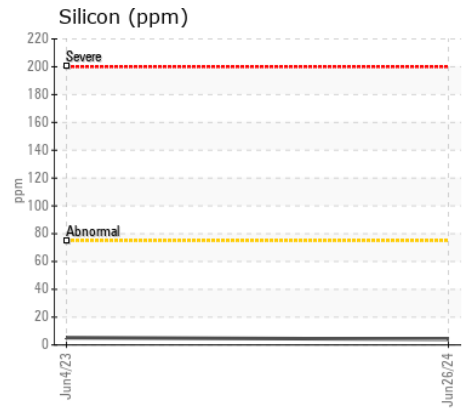
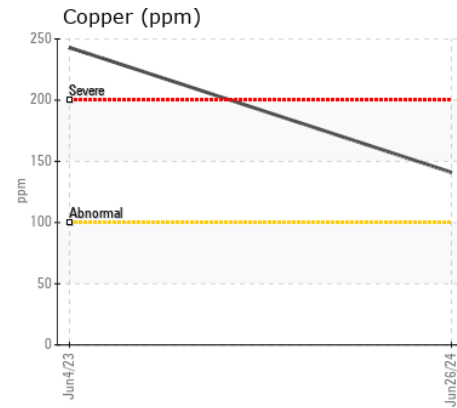
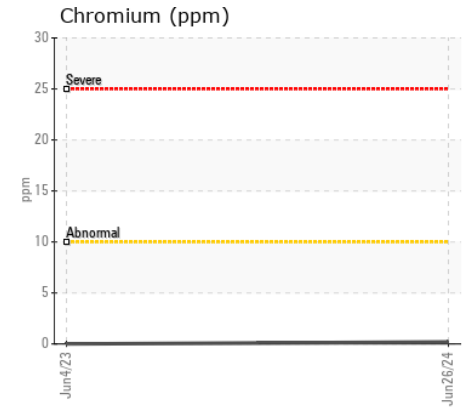
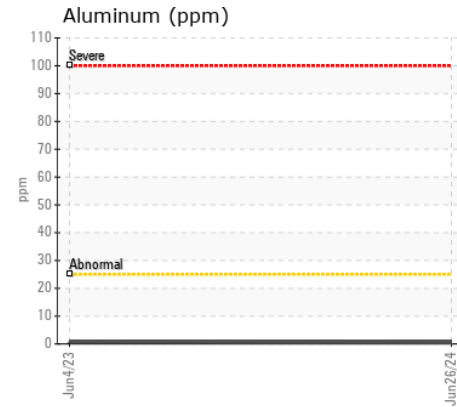
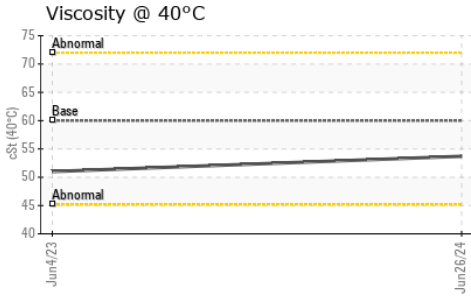
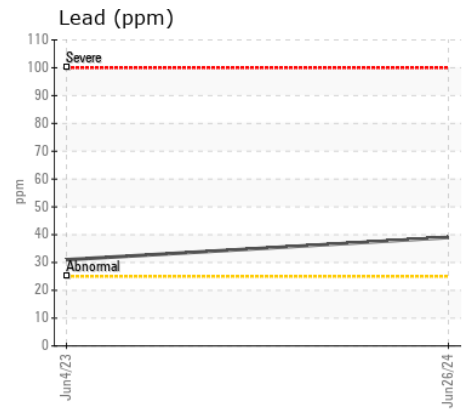
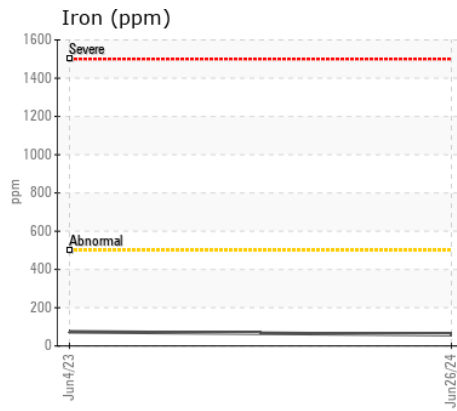
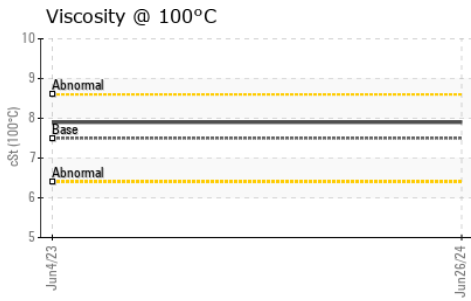
CONTAMINATION

There is no indication of any contamination in the oil.

FLUID CONDITION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		PC0084302	PC0072145	---
Sample Date		Client Info		26 Jun 2024	04 Jun 2023	---
Machine Age	hrs	Client Info		2740	1413	---
Oil Age	hrs	Client Info		0	0	---
Filter Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		N/A	N/A	---
Filter Changed		Client Info		N/A	N/A	---
Sample Status				NORMAL	ABNORMAL	---
Iron	ppm	ASTM D5185(m)	>500	59	74	---
Chromium	ppm	ASTM D5185(m)	>10	<1	0	---
Nickel	ppm	ASTM D5185(m)	>10	<1	0	---
Titanium	ppm	ASTM D5185(m)		0	0	---
Silver	ppm	ASTM D5185(m)		<1	0	---
Aluminum	ppm	ASTM D5185(m)	>25	<1	<1	---
Lead	ppm	ASTM D5185(m)	>25	39	31	---
Copper	ppm	ASTM D5185(m)	>100	141	▲ 243	---
Tin	ppm	ASTM D5185(m)	>10	<1	<1	---
Vanadium	ppm	ASTM D5185(m)		0	0	---
White Metal	scalar	Visual*	NONE	NONE	NONE	---
Yellow Metal	scalar	Visual*	NONE	NONE	NONE	---
Silicon	ppm	ASTM D5185(m)	>75	4	5	---
Potassium	ppm	ASTM D5185(m)	>20	2	5	---
Water		WC Method	>.2	NEG	NEG	---
Silt	scalar	Visual*	NONE	NONE	NONE	---
Debris	scalar	Visual*	NONE	VLITE	NONE	---
Sand/Dirt	scalar	Visual*	NONE	NONE	NONE	---
Appearance	scalar	Visual*	NORML	NORML	NORML	---
Odor	scalar	Visual*	NORML	NORML	NORML	---
Emulsified Water	scalar	Visual*	>.2	NEG	NEG	---
Sodium	ppm	ASTM D5185(m)		3	7	---
Boron	ppm	ASTM D5185(m)	37	7	7	---
Barium	ppm	ASTM D5185(m)	7	2	4	---
Molybdenum	ppm	ASTM D5185(m)	5	<1	<1	---
Manganese	ppm	ASTM D5185(m)		1	2	---
Magnesium	ppm	ASTM D5185(m)	40	46	91	---
Calcium	ppm	ASTM D5185(m)	2650	3104	3491	---
Phosphorus	ppm	ASTM D5185(m)	1050	1110	1085	---
Zinc	ppm	ASTM D5185(m)	1075	1175	1171	---
Sulfur	ppm	ASTM D5185(m)	5750	3171	3329	---
Visc @ 40°C	cSt	ASTM D7279(m)	60	53.7	51.0	---
Visc @ 100°C	cSt	ASTM D7279(m)	7.5	7.9	7.9	---
Viscosity Index (VI)	Scale	ASTM D2270*	82	113	122	---



ISO 17025:2017
Accredited
Laboratory

Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0084302
Lab Number : 02644394
Unique Number : 5801933
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.

T:
F: