



WEAR	<b>NORMAL</b>
CONTAMINATION	<b>NORMAL</b>
FLUID CONDITION	<b>NORMAL</b>

Machine Id  
**5017**  
 Component  
**Front Differential**  
 Fluid  
**TDTO FLUID SAE 30 (--- 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.

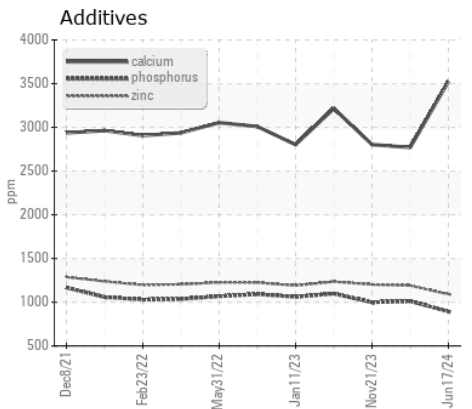
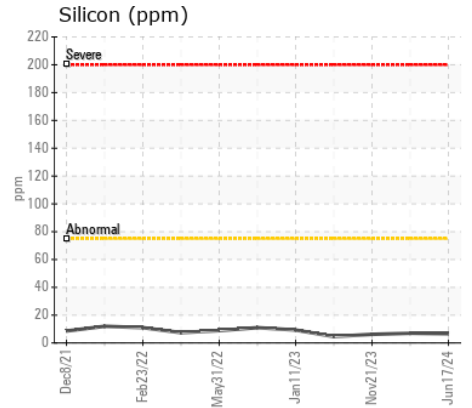
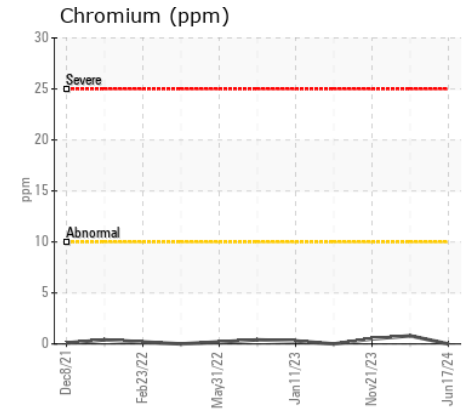
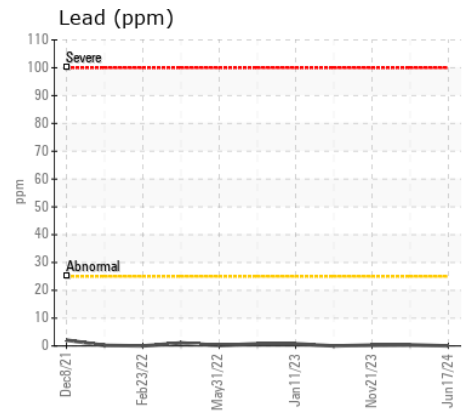
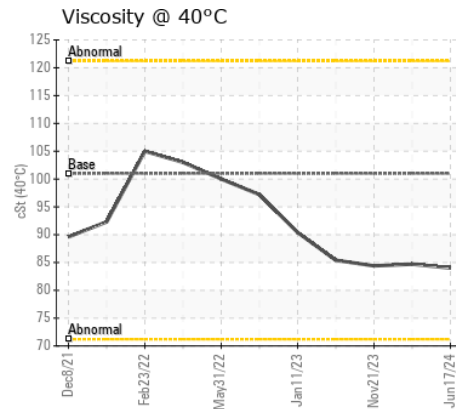
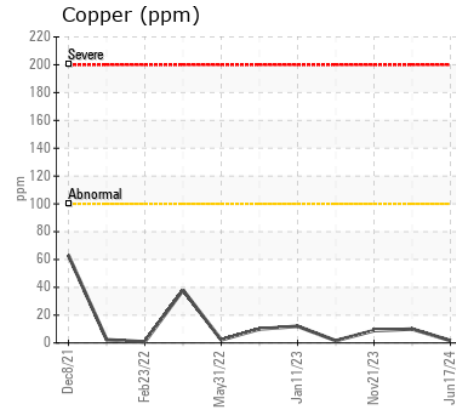
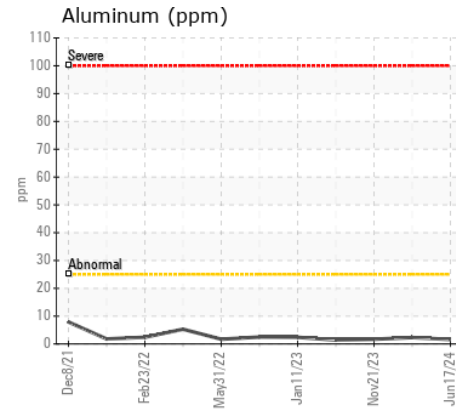
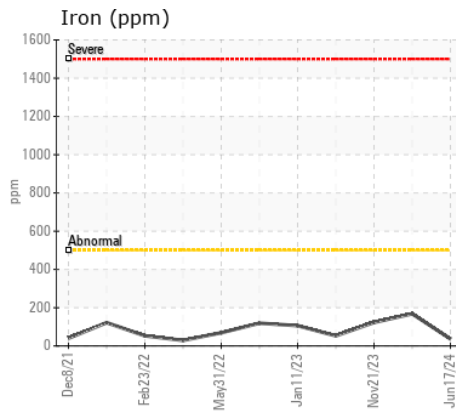
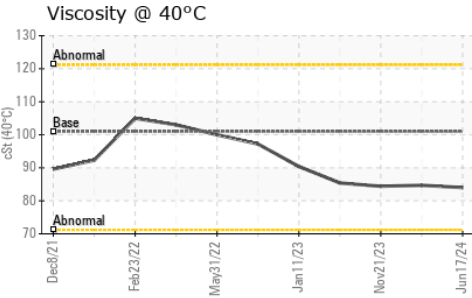
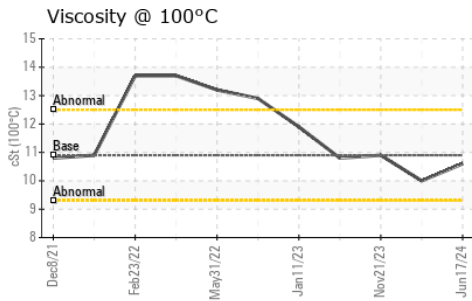
**CONTAMINATION**

There is no indication of any contamination in the 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		<b>PC0084191</b>	PC0084372	PC0082931
Sample Date		Client Info		<b>17 Jun 2024</b>	26 Feb 2024	21 Nov 2023
Machine Age	hrs	Client Info		<b>22315</b>	21795	21335
Oil Age	hrs	Client Info		<b>0</b>	0	0
Filter Age	hrs	Client Info		<b>0</b>	0	0
Oil Changed		Client Info		<b>N/A</b>	N/A	N/A
Filter Changed		Client Info		<b>N/A</b>	N/A	N/A
Sample Status				<b>NORMAL</b>	NORMAL	NORMAL
Iron	ppm	ASTM D5185(m)	>500	<b>37</b>	168	123
Chromium	ppm	ASTM D5185(m)	>10	<b>0</b>	<1	<1
Nickel	ppm	ASTM D5185(m)	>10	<b>&lt;1</b>	<1	<1
Titanium	ppm	ASTM D5185(m)		<b>0</b>	0	0
Silver	ppm	ASTM D5185(m)		<b>0</b>	0	<1
Aluminum	ppm	ASTM D5185(m)	>25	<b>2</b>	2	2
Lead	ppm	ASTM D5185(m)	>25	<b>0</b>	<1	<1
Copper	ppm	ASTM D5185(m)	>100	<b>2</b>	10	9
Tin	ppm	ASTM D5185(m)	>10	<b>0</b>	0	0
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	0
White Metal	scalar	Visual*	NONE	<b>VLITE</b>	LIGHT	LIGHT
Yellow Metal	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Silicon	ppm	ASTM D5185(m)	>75	<b>7</b>	7	6
Potassium	ppm	ASTM D5185(m)	>20	<b>&lt;1</b>	2	0
Water		WC Method	>.2	<b>NEG</b>	NEG	NEG
Silt	scalar	Visual*	NONE	<b>VLITE</b>	NONE	NONE
Debris	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Sand/Dirt	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Appearance	scalar	Visual*	NORML	<b>NORML</b>	NORML	NORML
Odor	scalar	Visual*	NORML	<b>NORML</b>	NORML	NORML
Emulsified Water	scalar	Visual*	>.2	<b>NEG</b>	.5%	NEG
Sodium	ppm	ASTM D5185(m)		<b>&lt;1</b>	9	4
Boron	ppm	ASTM D5185(m)	37	<b>4</b>	5	6
Barium	ppm	ASTM D5185(m)	7	<b>0</b>	0	<1
Molybdenum	ppm	ASTM D5185(m)	5	<b>2</b>	6	2
Manganese	ppm	ASTM D5185(m)		<b>&lt;1</b>	<1	<1
Magnesium	ppm	ASTM D5185(m)	40	<b>12</b>	10	9
Calcium	ppm	ASTM D5185(m)	2650	<b>3523</b>	2770	2803
Phosphorus	ppm	ASTM D5185(m)	1050	<b>894</b>	1012	999
Zinc	ppm	ASTM D5185(m)	1075	<b>1092</b>	1190	1202
Sulfur	ppm	ASTM D5185(m)	5750	<b>3309</b>	4161	3630
Visc @ 40°C	cSt	ASTM D7279(m)	101	<b>84.0</b>	84.7	84.4
Visc @ 100°C	cSt	ASTM D7279(m)	10.9	<b>10.6</b>	10.0	10.9
Viscosity Index (VI)	Scale	ASTM D2270*	90	<b>110</b>	97	115



ISO 17025:2017  
Accredited  
Laboratory

**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : PC0084191  
**Lab Number** : 02642663  
**Unique Number** : 5800202  
**Test Package** : MOB 1 ( Additional Tests: KV100, VI )

**LES ENTREPRISES MICHAUVILLE INC.**  
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 MONT ST-HILAIRE, QC  
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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: