



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
5050
Component
Front Differential
Fluid
TDH FLUID SAE 75W80 (--- 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) TDH FLUID SAE 75W80. Please confirm.
Please specify the component make and model with your next sample.

WEAR

All component wear rates are normal.

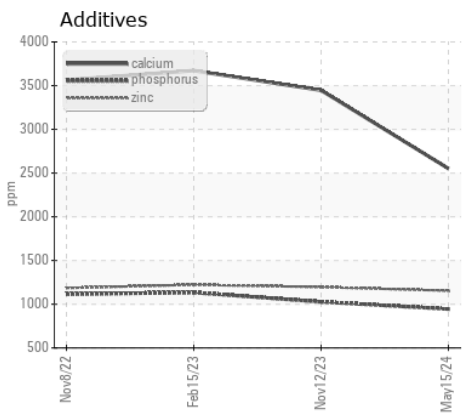
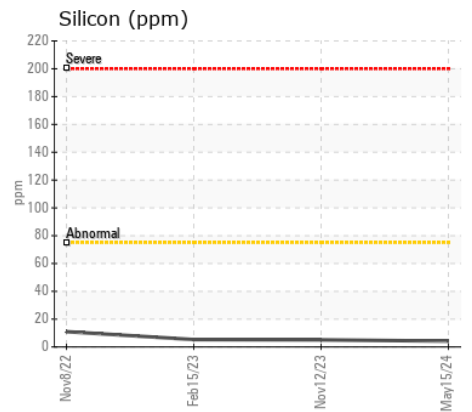
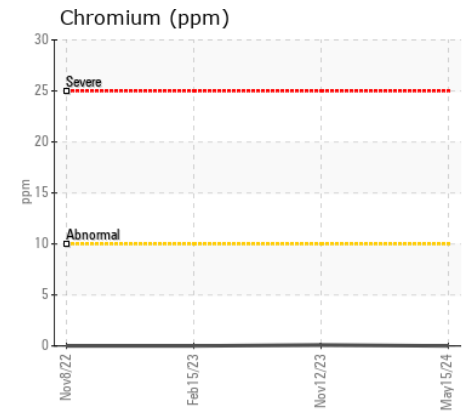
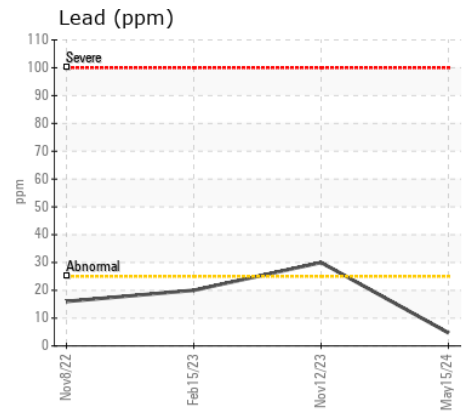
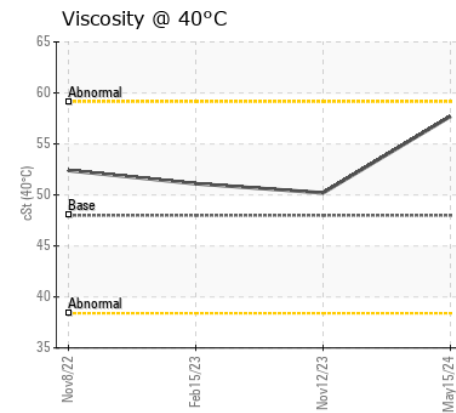
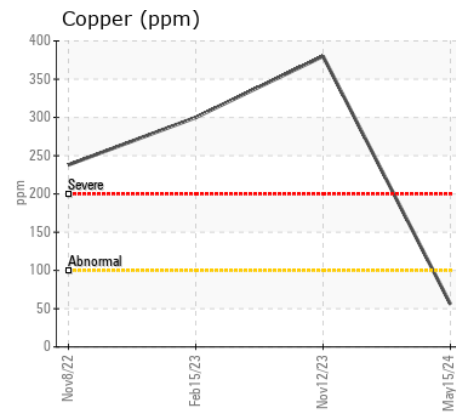
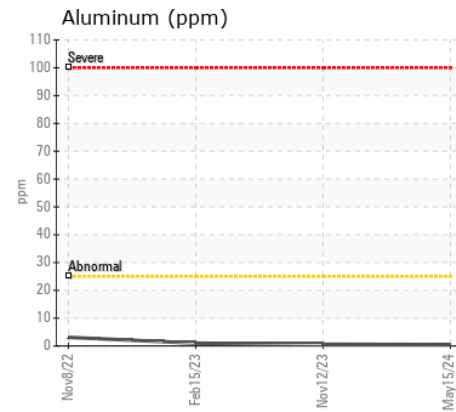
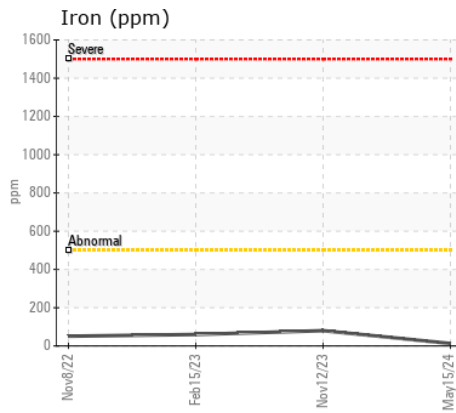
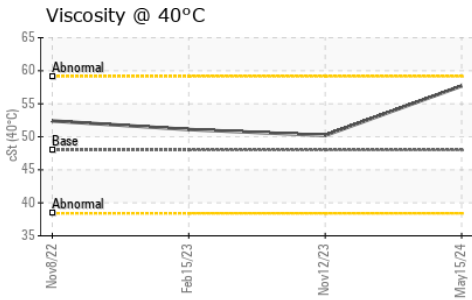
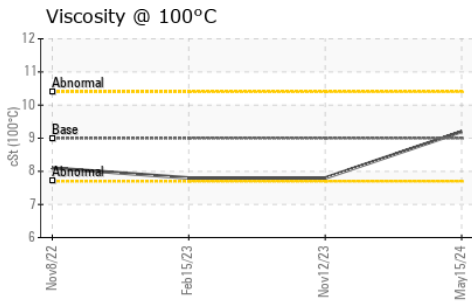
CONTAMINATION

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		PC0083721	PC0082333	PC0071473
Sample Date		Client Info		15 May 2024	12 Nov 2023	15 Feb 2023
Machine Age	hrs	Client Info		2914	2460	1587
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)	>500	13	80	60
Chromium	ppm	ASTM D5185(m)	>10	0	<1	0
Nickel	ppm	ASTM D5185(m)	>10	0	0	0
Titanium	ppm	ASTM D5185(m)		0	0	<1
Silver	ppm	ASTM D5185(m)		0	<1	0
Aluminum	ppm	ASTM D5185(m)	>25	<1	<1	1
Lead	ppm	ASTM D5185(m)	>25	5	30	20
Copper	ppm	ASTM D5185(m)	>100	56	380	300
Tin	ppm	ASTM D5185(m)	>10	0	1	1
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)	>75	4	5	5
Potassium	ppm	ASTM D5185(m)	>20	<1	2	3
Water		WC Method	>.2	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*	>.2	NEG	NEG	NEG
Sodium	ppm	ASTM D5185(m)		2	10	10
Boron	ppm	ASTM D5185(m)	10	36	5	3
Barium	ppm	ASTM D5185(m)	10	<1	2	1
Molybdenum	ppm	ASTM D5185(m)	10	10	1	<1
Manganese	ppm	ASTM D5185(m)		<1	1	1
Magnesium	ppm	ASTM D5185(m)	100	179	94	99
Calcium	ppm	ASTM D5185(m)	3500	2552	3447	3672
Phosphorus	ppm	ASTM D5185(m)	1150	944	1027	1134
Zinc	ppm	ASTM D5185(m)	1150	1154	1196	1223
Sulfur	ppm	ASTM D5185(m)	3000	2618	3550	3243
Visc @ 40°C	cSt	ASTM D7279(m)	48	57.7	50.2	51.1
Visc @ 100°C	cSt	ASTM D7279(m)	9.0	9.2	7.8	7.8
Viscosity Index (VI)	Scale	ASTM D2270*	171	139	122	119



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0083721
Lab Number : 02636717
Unique Number : 5785879
Test Package : MOB 1 (Additional Tests: KV100, VI)

LES ENTREPRISES MICHAUDVILLE 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: