



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
F90209
 Component
Compressor
 Fluid
{not provided} (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		PC0064490	PC0047964	---
Sample Date		Client Info		26 Feb 2024	28 Jul 2021	---
Machine Age	hrs	Client Info		1113	702	---
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	NORMAL	---

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185(m)	>50	1	2	---
Chromium	ppm	ASTM D5185(m)	>5	0	0	---
Nickel	ppm	ASTM D5185(m)		<1	<1	---
Titanium	ppm	ASTM D5185(m)		0	0	---
Silver	ppm	ASTM D5185(m)		1	0	---
Aluminum	ppm	ASTM D5185(m)	>15	<1	<1	---
Lead	ppm	ASTM D5185(m)	>65	<1	<1	---
Copper	ppm	ASTM D5185(m)	>65	<1	<1	---
Tin	ppm	ASTM D5185(m)	>10	0	0	---
Vanadium	ppm	ASTM D5185(m)		0	0	---
White Metal	scalar	Visual*	NONE	NONE	NONE	---
Yellow Metal	scalar	Visual*	NONE	NONE	NONE	---

CONTAMINATION

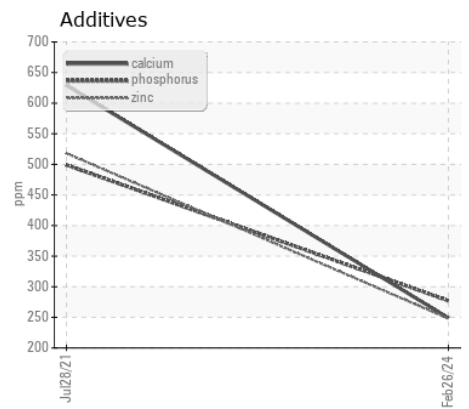
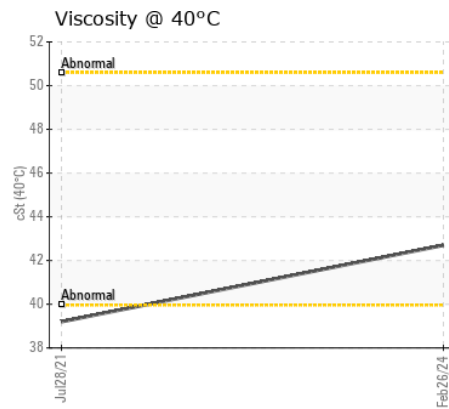
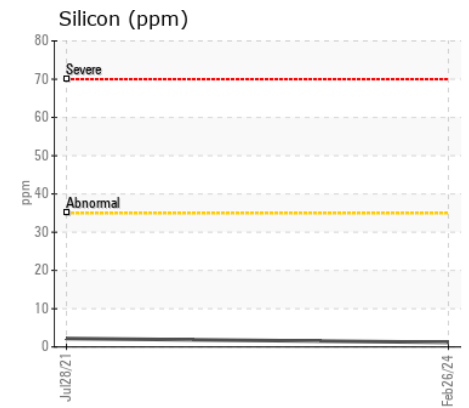
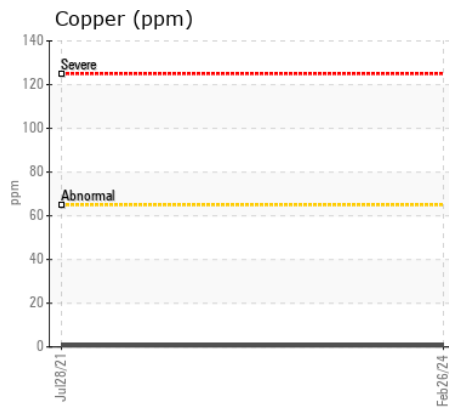
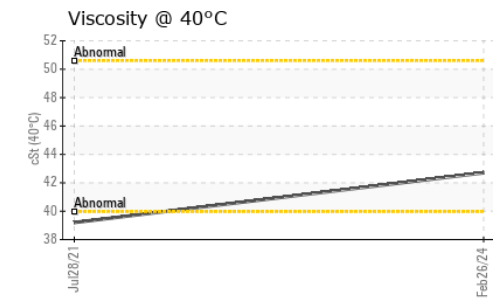
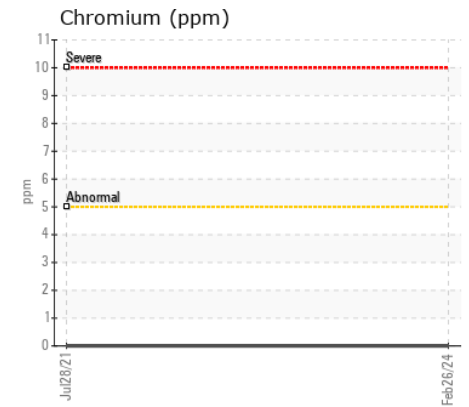
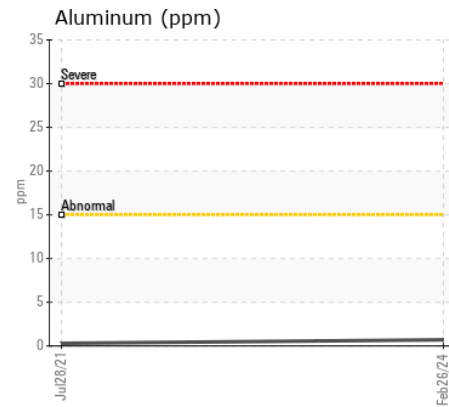
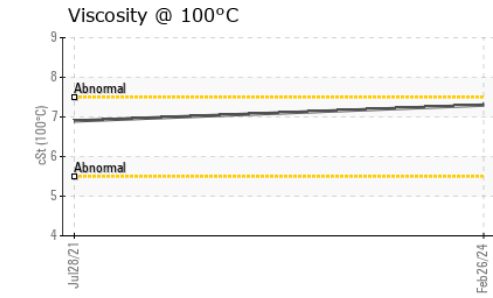
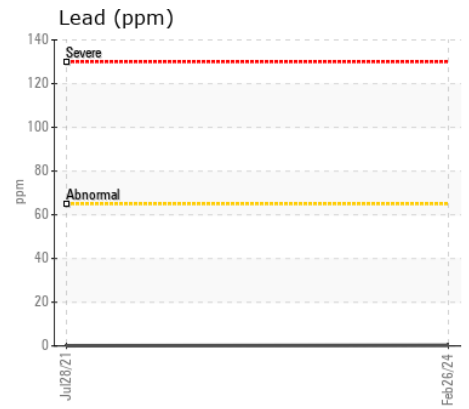
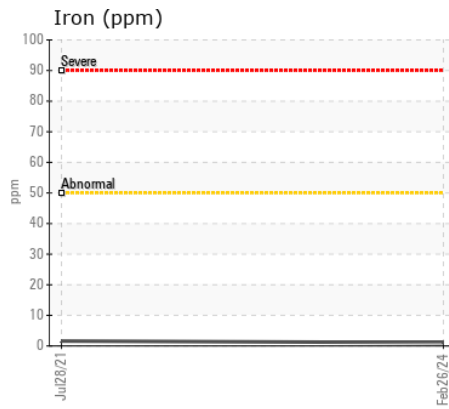
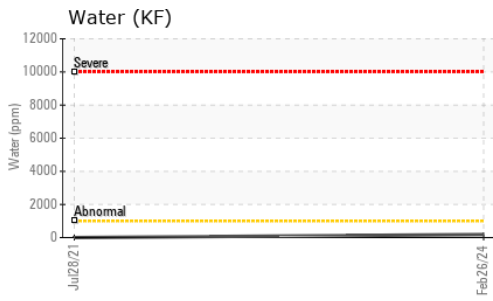
The water content is negligible. There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185(m)	>35	1	2	---
Potassium	ppm	ASTM D5185(m)	>20	6	<1	---
Water	%	ASTM D6304*	>0.1	0.018	---	---
ppm Water	ppm	ASTM D6304*	>1000	187	---	---
Silt	scalar	Visual*	NONE	NONE	NONE	---
Debris	scalar	Visual*	NONE	NONE	NONE	---
Sand/Dirt	scalar	Visual*	NONE	NONE	NONE	---
Appearance	scalar	Visual*	NORML	NORML	NORML	---
Odor	scalar	Visual*	NORML	NORML	NORML	---
Emulsified Water	scalar	Visual*	>0.1	.2%	NEG	---

FLUID CONDITION

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

Sodium	ppm	ASTM D5185(m)		2	1	---
Boron	ppm	ASTM D5185(m)		2	<1	---
Barium	ppm	ASTM D5185(m)		0	0	---
Molybdenum	ppm	ASTM D5185(m)		0	0	---
Manganese	ppm	ASTM D5185(m)		0	<1	---
Magnesium	ppm	ASTM D5185(m)		7	13	---
Calcium	ppm	ASTM D5185(m)		249	629	---
Phosphorus	ppm	ASTM D5185(m)		277	499	---
Zinc	ppm	ASTM D5185(m)		248	518	---
Sulfur	ppm	ASTM D5185(m)		789	1406	---
Visc @ 40°C	cSt	ASTM D7279(m)		42.7	39.2	---
Visc @ 100°C	cSt	ASTM D7279(m)		7.3	6.9	---
Viscosity Index (VI)	Scale	ASTM D2270*		134	135	---



ISO 17025:2017
Accredited
Laboratory

Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0064490
Lab Number : 02618427
Unique Number : 5735537
Test Package : MOB 1 (Additional Tests: KF, KV100, VI)

Received : 27 Feb 2024
Tested : 28 Feb 2024
Diagnosed : 28 Feb 2024 - Wes Davis

LES ENTREPRISES MICHAUVILLE INC.
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 CA J3H 0M6
 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: