



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
T140
 Component
Diesel Engine
 Fluid
INVENTORY EXPRESS 10W30 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor. Please specify the component make and model with your next sample.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0906424	WC0836052	---
Sample Date		Client Info		30 Apr 2024	23 Aug 2023	---
Machine Age	kms	Client Info		1063000	1026957	---
Oil Age	kms	Client Info		36043	0	---
Filter Age	kms	Client Info		36043	0	---
Oil Changed		Client Info		Changed	Changed	---
Filter Changed		Client Info		Changed	Changed	---
Sample Status				NORMAL	NORMAL	---

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185(m)	>100	70	38	---
Chromium	ppm	ASTM D5185(m)	>20	2	<1	---
Nickel	ppm	ASTM D5185(m)	>4	<1	<1	---
Titanium	ppm	ASTM D5185(m)		0	<1	---
Silver	ppm	ASTM D5185(m)	>3	0	0	---
Aluminum	ppm	ASTM D5185(m)	>20	6	3	---
Lead	ppm	ASTM D5185(m)	>40	7	<1	---
Copper	ppm	ASTM D5185(m)	>330	2	1	---
Tin	ppm	ASTM D5185(m)	>15	0	0	---
Vanadium	ppm	ASTM D5185(m)		0	0	---

CONTAMINATION

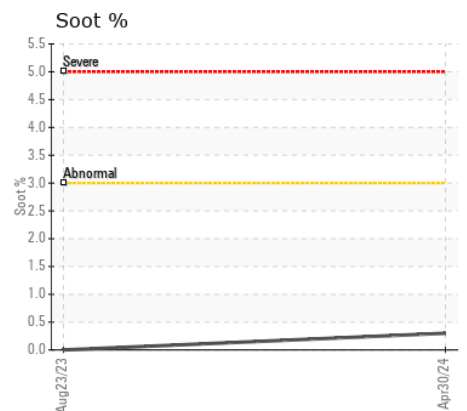
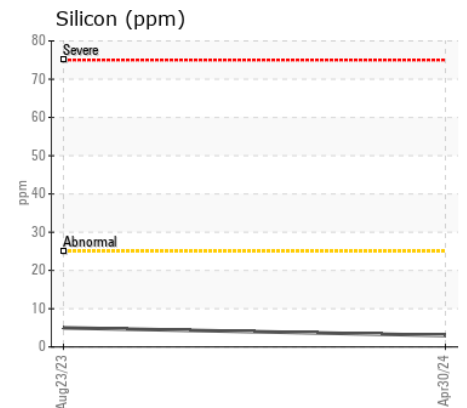
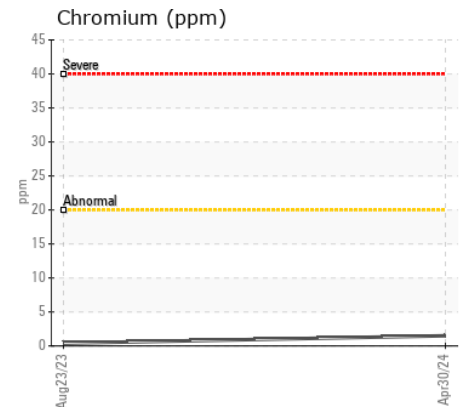
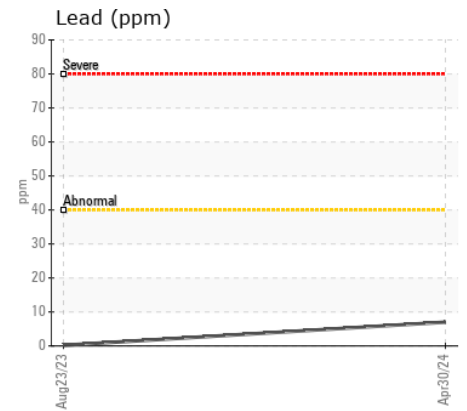
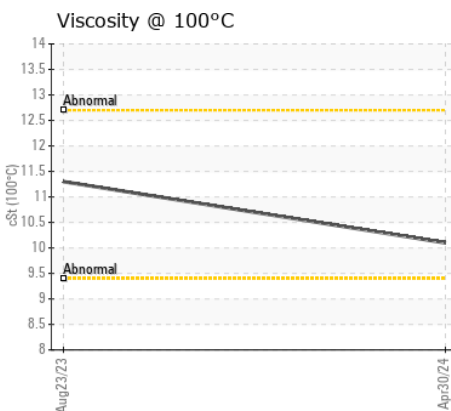
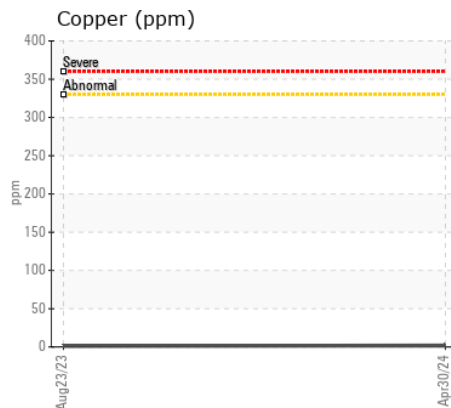
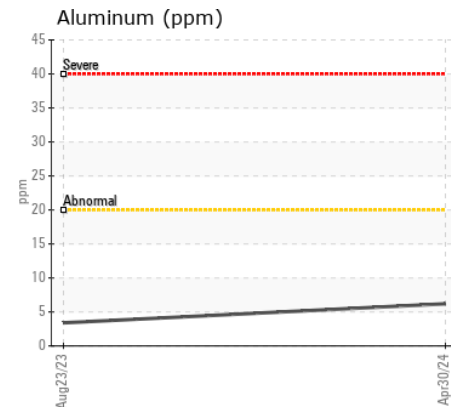
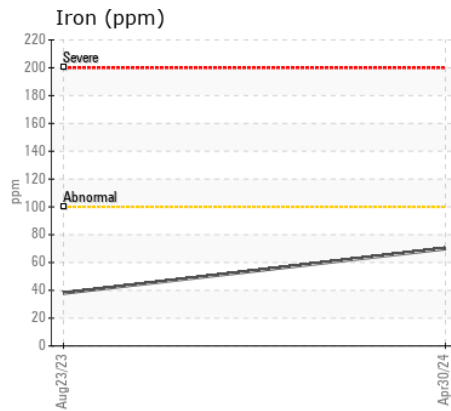
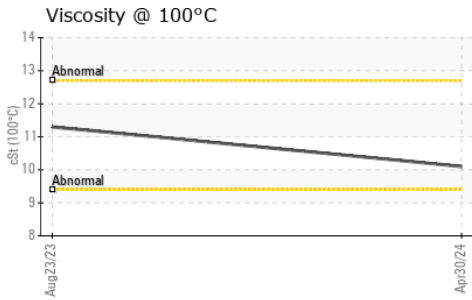
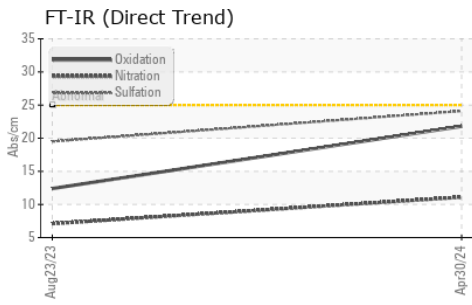
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185(m)	>25	3	5	---
Potassium	ppm	ASTM D5185(m)	>20	4	4	---
Fuel		WC Method	>5	<1.0	<1.0	---
Water		WC Method	>0.2	NEG	NEG	---
Glycol		WC Method		NEG	NEG	---
Soot %	%	ASTM D7844*	>3	0.3	0	---
Nitration	Abs/cm	ASTM D7624*	>20	11.1	7.1	---
Sulfation	Abs/.1mm	ASTM D7415*	>30	24.1	19.5	---
Emulsified Water	scalar	Visual*	>0.2	NEG	NEG	---

FLUID CONDITION

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

Sodium	ppm	ASTM D5185(m)		2	2	---
Boron	ppm	ASTM D5185(m)		54	90	---
Barium	ppm	ASTM D5185(m)		0	0	---
Molybdenum	ppm	ASTM D5185(m)		43	6	---
Manganese	ppm	ASTM D5185(m)		<1	<1	---
Magnesium	ppm	ASTM D5185(m)		374	687	---
Calcium	ppm	ASTM D5185(m)		1157	1266	---
Phosphorus	ppm	ASTM D5185(m)		795	708	---
Zinc	ppm	ASTM D5185(m)		948	750	---
Sulfur	ppm	ASTM D5185(m)		2139	2462	---
Oxidation	Abs/.1mm	ASTM D7414*	>25	21.8	12.4	---
Visc @ 100°C	cSt	ASTM D7279(m)		10.1	11.3	---



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC0906424 **Received** : 30 May 2024
Lab Number : 02638993 **Tested** : 30 May 2024
Unique Number : 5788155 **Diagnosed** : 30 May 2024 - Wes Davis
Test Package : MOB 1

Zavcor Trucking Limited
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 Stevensville, ON
 CA L0S 1S0
 Contact: Kirk Zavitz
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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.