



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

Area  
**[85892]**  
 Machine Id

**22 ST. CLAIR AVE E ROOF GEORGE WESTON LIMITED 0303052673**

Component  
**Left Natural Gas Engine**

Fluid  
**ESSO XD-3 EXTRA 15W40 (8 LTR)**

**RECOMMENDATION**

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>PN0006134</b>	PN0004735	PN0003080
Sample Date		Client Info		<b>26 Apr 2024</b>	31 Mar 2023	26 Nov 2021
Machine Age	hrs	Client Info		<b>626</b>	599	569
Oil Age	hrs	Client Info		<b>27</b>	30	22
Filter Age	hrs	Client Info		<b>27</b>	30	22
Oil Changed		Client Info		<b>Changed</b>	Changed	Changed
Filter Changed		Client Info		<b>Changed</b>	Changed	Changed
Sample Status				<b>NORMAL</b>	ABNORMAL	NORMAL

**WEAR**

Metal levels are typical for a new component breaking in.

Iron	ppm	ASTM D5185(m)	>50	<b>7</b>	3	4
Chromium	ppm	ASTM D5185(m)	>4	<b>0</b>	0	<1
Nickel	ppm	ASTM D5185(m)	>2	<b>2</b>	2	<1
Titanium	ppm	ASTM D5185(m)		<b>0</b>	<1	<1
Silver	ppm	ASTM D5185(m)	>3	<b>0</b>	2	0
Aluminum	ppm	ASTM D5185(m)	>9	<b>1</b>	3	2
Lead	ppm	ASTM D5185(m)	>30	<b>0</b>	<1	0
Copper	ppm	ASTM D5185(m)	>35	<b>2</b>	2	2
Tin	ppm	ASTM D5185(m)	>4	<b>0</b>	0	0
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	0
White Metal	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Yellow Metal	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE

**CONTAMINATION**

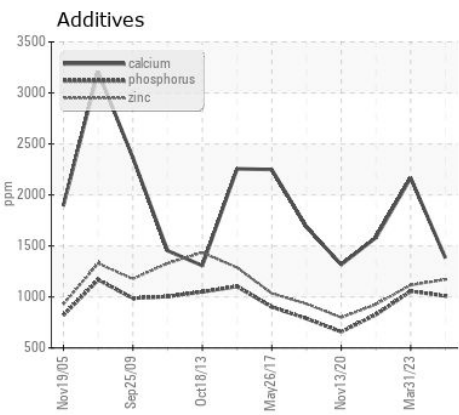
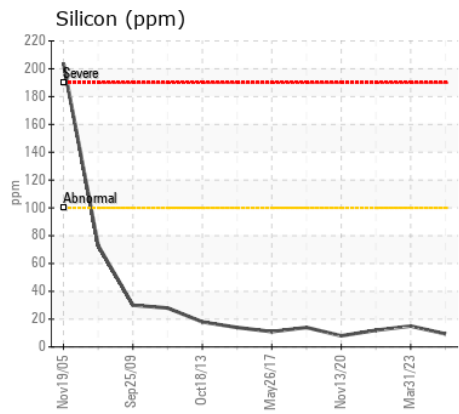
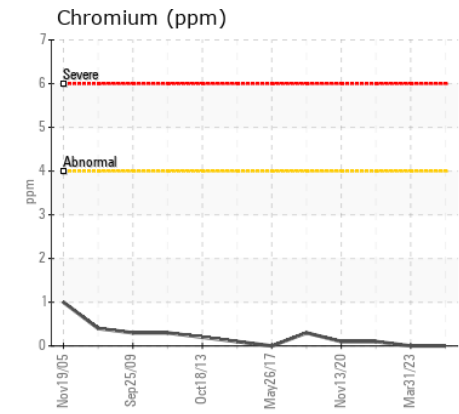
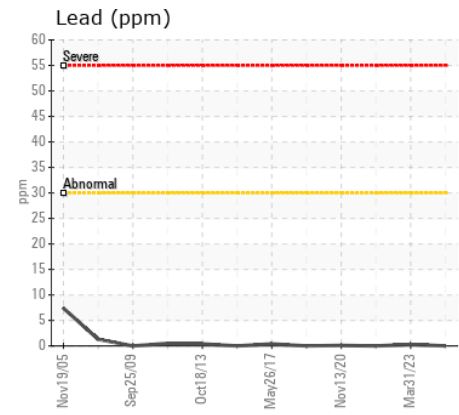
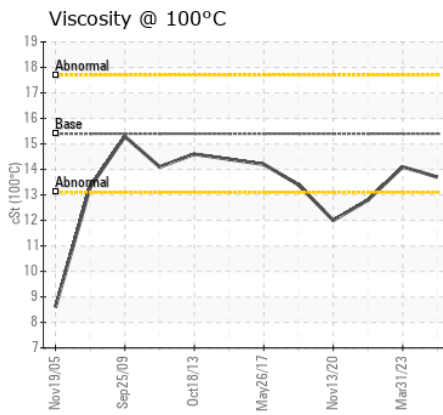
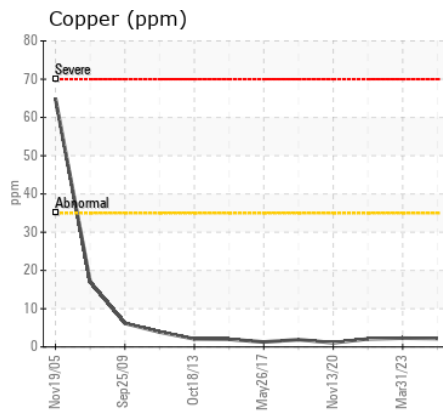
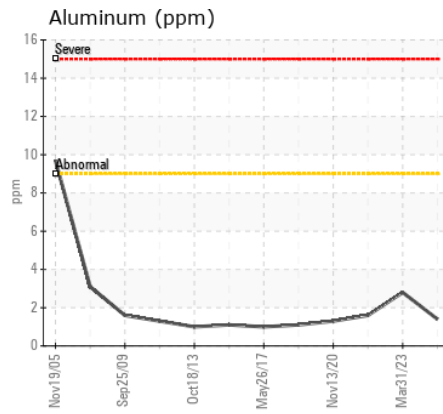
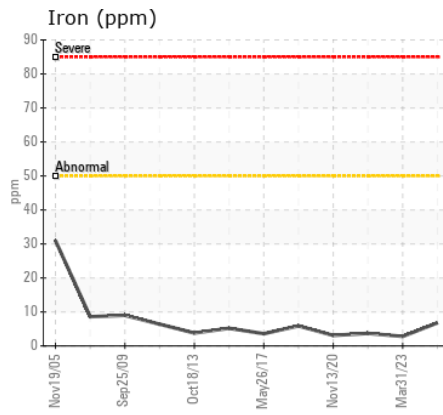
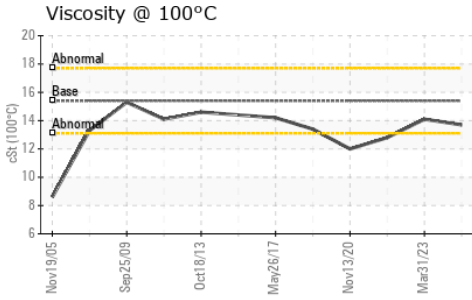
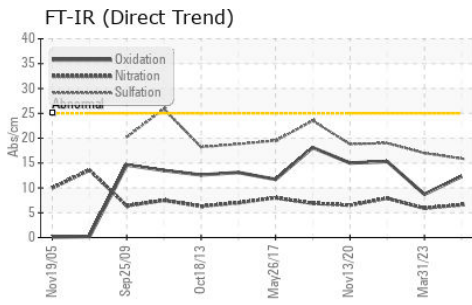
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185(m)	>+100	<b>9</b>	15	12
Potassium	ppm	ASTM D5185(m)	>20	<b>&lt;1</b>	<1	1
Water		WC Method	>0.1	<b>NEG</b>	NEG	NEG
Glycol		WC Method		<b>---</b>	0.0	---
Soot %	%	ASTM D7844*		<b>0</b>	0	0
Nitration	Abs/cm	ASTM D7624*	>20	<b>6.6</b>	5.9	7.9
Sulfation	Abs/.1mm	ASTM D7415*	>30	<b>15.9</b>	17.0	19.0
Silt	scalar	Visual*	NONE	<b>NONE</b>	NONE	LIGHT
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*	>0.1	<b>NEG</b>	.2%	NEG

**FLUID CONDITION**

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

Sodium	ppm	ASTM D5185(m)	>192	<b>3</b>	3	3
Boron	ppm	ASTM D5185(m)		<b>11</b>	51	51
Barium	ppm	ASTM D5185(m)		<b>0</b>	0	0
Molybdenum	ppm	ASTM D5185(m)		<b>53</b>	82	59
Manganese	ppm	ASTM D5185(m)		<b>&lt;1</b>	<1	<1
Magnesium	ppm	ASTM D5185(m)		<b>718</b>	114	487
Calcium	ppm	ASTM D5185(m)	3780	<b>1383</b>	2167	1582
Phosphorus	ppm	ASTM D5185(m)	1370	<b>1009</b>	1056	827
Zinc	ppm	ASTM D5185(m)	1500	<b>1171</b>	1116	927
Sulfur	ppm	ASTM D5185(m)	3800	<b>2776</b>	3130	2403
Oxidation	Abs/.1mm	ASTM D7414*	>25	<b>12.3</b>	8.7	15.3
Visc @ 100°C	cSt	ASTM D7279(m)	15.4	<b>13.7</b>	14.1	12.8



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : PN0006134 **Received** : 01 May 2024  
**Lab Number** : 02632520 **Tested** : 01 May 2024  
**Unique Number** : 5773673 **Diagnosed** : 01 May 2024 - Wes Davis  
**Test Package** : MOB 1 ( Additional Tests: Visual )

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.

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