



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

Area  
**[85917]**  
 Machine Id  
**9 STACEY ST, PORT ROWAN BELL CANADA 64R01354**

Component  
**Right Diesel 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>PN0006158</b>	PN0002288	PN0001041
Sample Date		Client Info		<b>30 Apr 2024</b>	16 Mar 2021	03 Apr 2020
Machine Age	hrs	Client Info		<b>1529</b>	958	937
Oil Age	hrs	Client Info		<b>0</b>	21	0
Filter Age	hrs	Client Info		<b>0</b>	21	0
Oil Changed		Client Info		<b>Changed</b>	Changed	Not Changd
Filter Changed		Client Info		<b>Changed</b>	Changed	Not Changd
Sample Status				<b>NORMAL</b>	NORMAL	NORMAL

**WEAR**

All component wear rates are normal.

Iron	ppm	ASTM D5185(m)	>80	<b>2</b>	3	2
Chromium	ppm	ASTM D5185(m)	>6	<b>0</b>	<1	<1
Nickel	ppm	ASTM D5185(m)	>2	<b>0</b>	<1	<1
Titanium	ppm	ASTM D5185(m)	>2	<b>0</b>	0	<1
Silver	ppm	ASTM D5185(m)	>2	<b>0</b>	0	0
Aluminum	ppm	ASTM D5185(m)	>20	<b>2</b>	2	1
Lead	ppm	ASTM D5185(m)	>95	<b>0</b>	<1	0
Copper	ppm	ASTM D5185(m)	>85	<b>&lt;1</b>	<1	<1
Tin	ppm	ASTM D5185(m)	>9	<b>0</b>	<1	0
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	0

**CONTAMINATION**

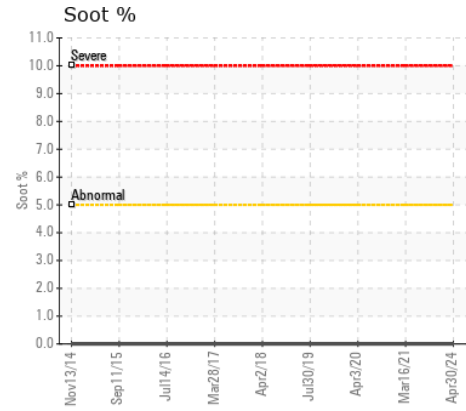
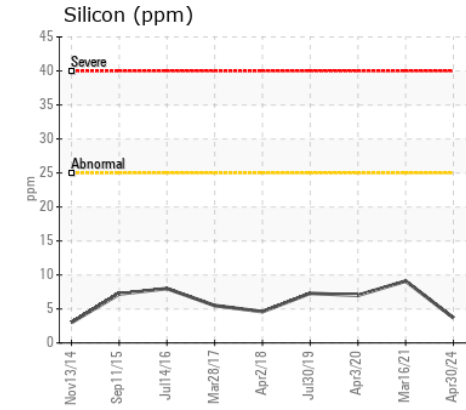
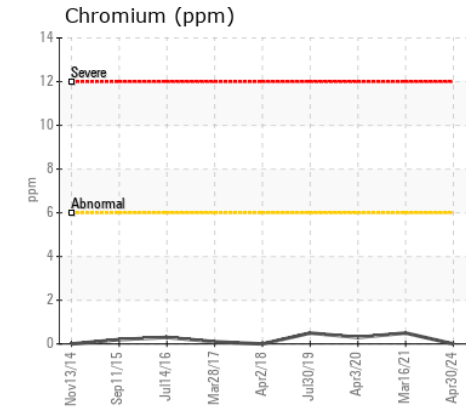
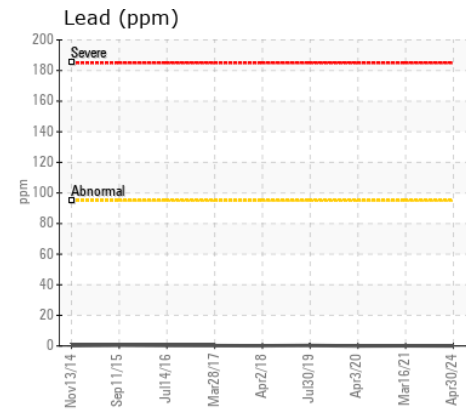
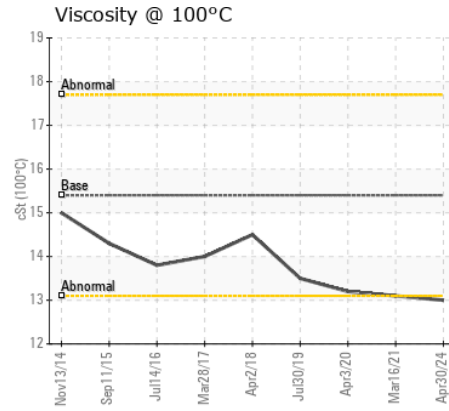
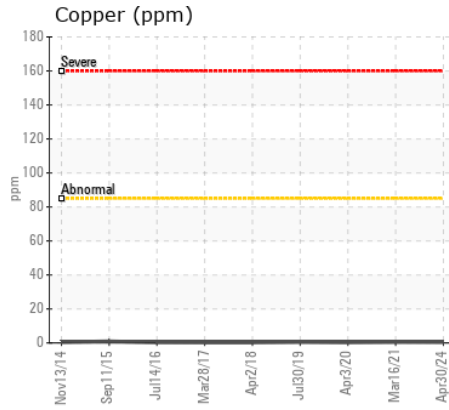
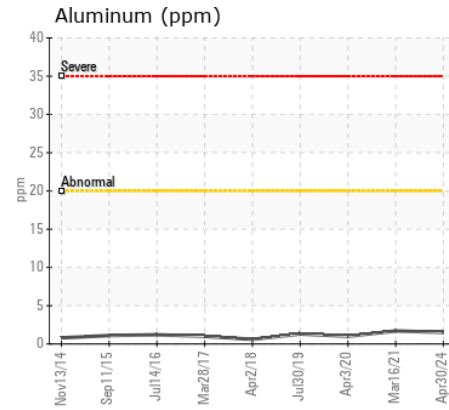
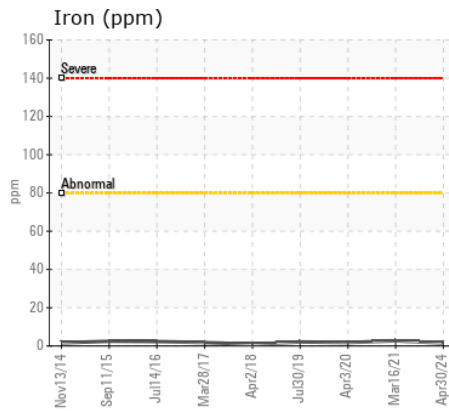
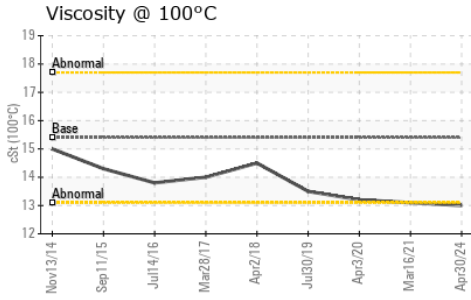
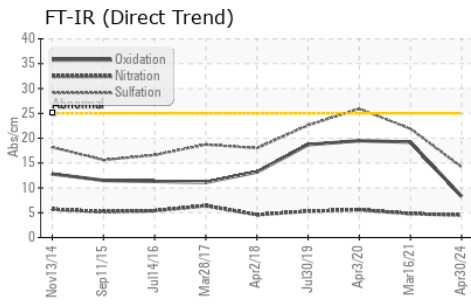
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185(m)	>25	<b>4</b>	9	7
Potassium	ppm	ASTM D5185(m)	>20	<b>&lt;1</b>	<1	0
Fuel		WC Method	>4.0	<b>&lt;1.0</b>	<1.0	<1.0
Water		WC Method	>0.1	<b>NEG</b>	NEG	NEG
Glycol		WC Method		<b>NEG</b>	NEG	NEG
Soot %	%	ASTM D7844*		<b>0</b>	0	0
Nitration	Abs/cm	ASTM D7624*	>20	<b>4.5</b>	4.8	5.6
Sulfation	Abs/.1mm	ASTM D7415*	>30	<b>14.2</b>	21.9	25.9
Emulsified Water	scalar	Visual*	>0.1	<b>NEG</b>	NEG	NEG

**FLUID CONDITION**

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

Sodium	ppm	ASTM D5185(m)	>192	<b>1</b>	3	<1
Boron	ppm	ASTM D5185(m)		<b>35</b>	58	58
Barium	ppm	ASTM D5185(m)		<b>0</b>	0	0
Molybdenum	ppm	ASTM D5185(m)		<b>21</b>	36	38
Manganese	ppm	ASTM D5185(m)		<b>0</b>	<1	<1
Magnesium	ppm	ASTM D5185(m)		<b>48</b>	487	492
Calcium	ppm	ASTM D5185(m)	3780	<b>2280</b>	1531	1569
Phosphorus	ppm	ASTM D5185(m)	1370	<b>966</b>	703	715
Zinc	ppm	ASTM D5185(m)	1500	<b>1107</b>	859	837
Sulfur	ppm	ASTM D5185(m)	3800	<b>2667</b>	2157	2068
Oxidation	Abs/.1mm	ASTM D7414*	>25	<b>8.3</b>	19.2	19.5
Visc @ 100°C	cSt	ASTM D7279(m)	15.4	<b>13.0</b>	13.1	13.2



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : PN0006158 **Received** : 07 May 2024  
**Lab Number** : **02633784** **Tested** : 07 May 2024  
**Unique Number** : 5774937 **Diagnosed** : 07 May 2024 - Kevin Marson  
**Test Package** : MOB 1

**POWER STATION INC.**  
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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.