



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

Machine Id  
**39 COLBOURNE ST ORILLIA NEXACOR MOBILE 2500226**  
 Component  
**Gasoline 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>PN0005958</b>	PN0003370	PN974071
Sample Date		Client Info		<b>30 Apr 2024</b>	15 Mar 2022	03 Nov 2016
Machine Age	hrs	Client Info		<b>636</b>	621	618
Oil Age	hrs	Client Info		<b>15</b>	0	0
Filter Age	hrs	Client Info		<b>15</b>	0	0
Oil Changed		Client Info		<b>Changed</b>	Changed	Changed
Filter Changed		Client Info		<b>Changed</b>	Not Changed	Not Changed
Sample Status				<b>NORMAL</b>	MARGINAL	NORMAL

**WEAR**

All component wear rates are normal.

Iron	ppm	ASTM D5185(m)	>150	<b>15</b>	26	15
Chromium	ppm	ASTM D5185(m)	>20	<b>0</b>	0	<1
Nickel	ppm	ASTM D5185(m)	>5	<b>&lt;1</b>	<1	0
Titanium	ppm	ASTM D5185(m)		<b>0</b>	0	0
Silver	ppm	ASTM D5185(m)	>2	<b>0</b>	<1	0
Aluminum	ppm	ASTM D5185(m)	>40	<b>3</b>	2	2
Lead	ppm	ASTM D5185(m)	>50	<b>46</b>	40	48
Copper	ppm	ASTM D5185(m)	>155	<b>18</b>	17	13
Tin	ppm	ASTM D5185(m)	>10	<b>0</b>	<1	<1
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	0

**CONTAMINATION**

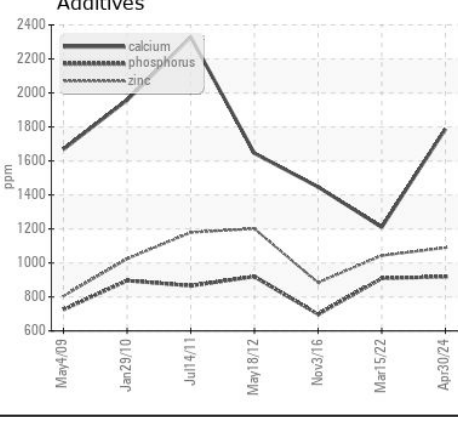
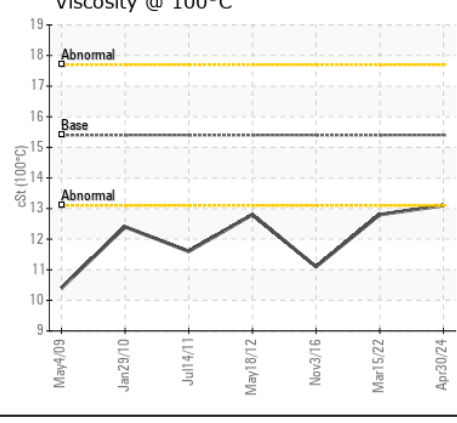
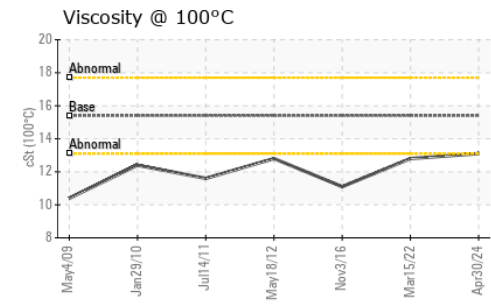
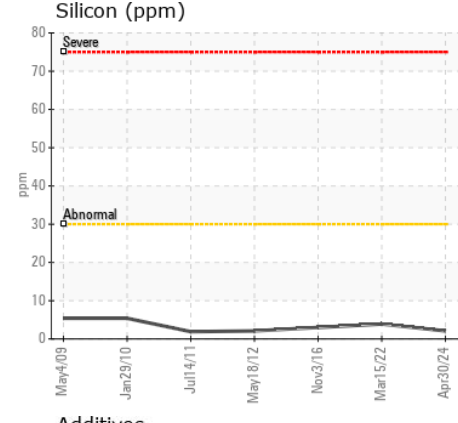
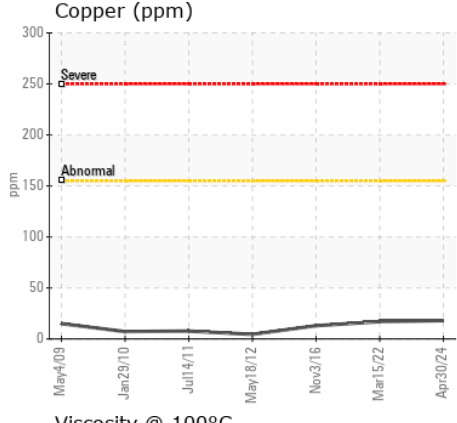
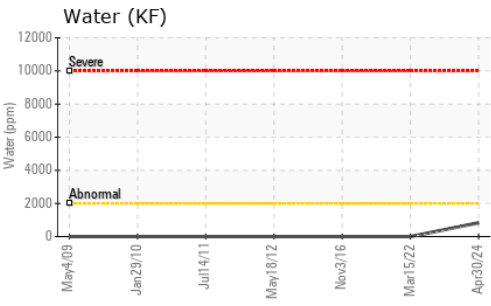
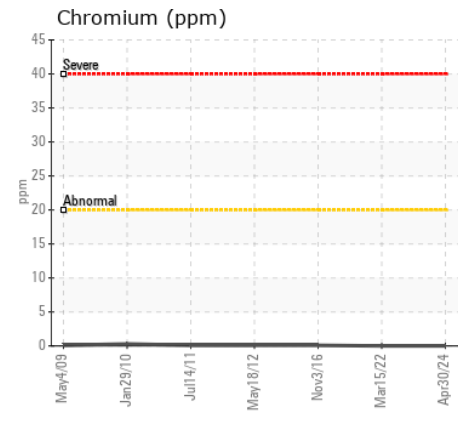
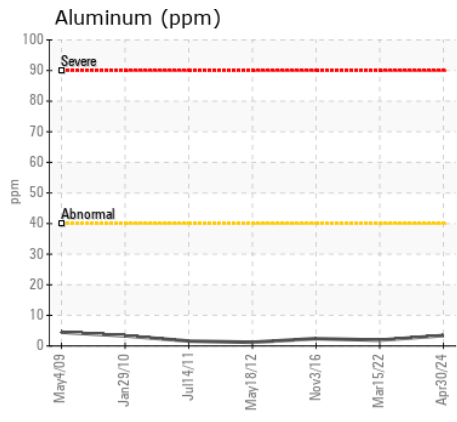
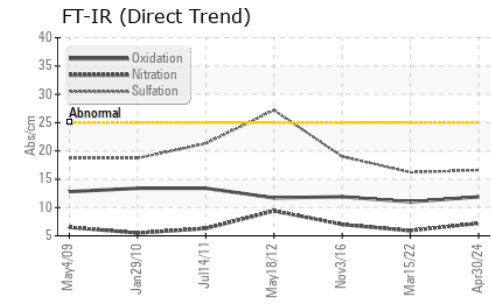
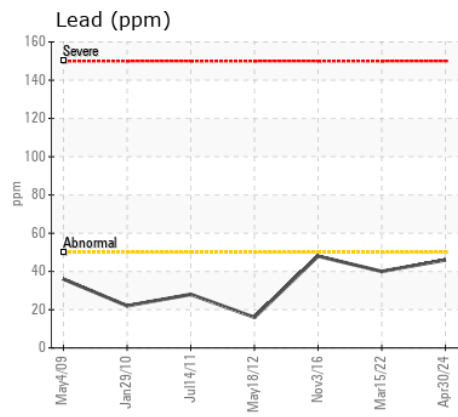
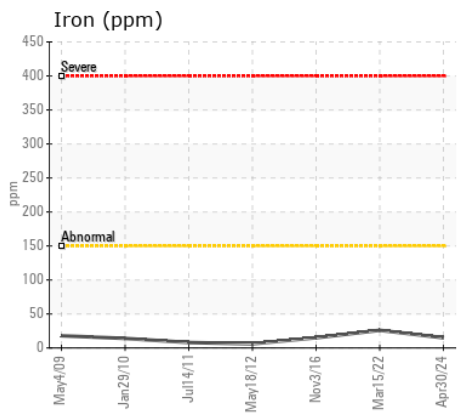
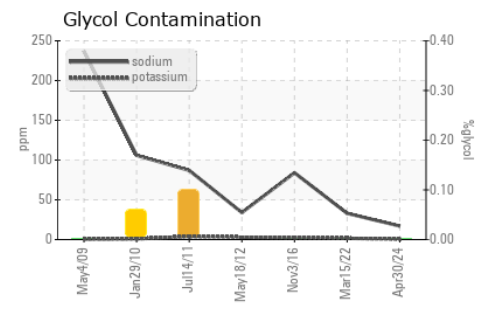
The water content is negligible. There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185(m)	>30	<b>2</b>	4	3
Potassium	ppm	ASTM D5185(m)	>20	<b>&lt;1</b>	2	2
Fuel		WC Method	>4.0	<b>&lt;1.0</b>	▲ 2.3	0.0
Water	%	ASTM D6304*	>0.2	<b>0.083</b>	---	---
ppm Water	ppm	ASTM D6304*	>2000	<b>832</b>	---	---
Glycol	%	ASTM D7922*		<b>0.0</b>	0.0	0.0
Soot %	%	ASTM D7844*		<b>0</b>	0	0
Nitration	Abs/cm	ASTM D7624*	>20	<b>7.2</b>	5.9	7.0
Sulfation	Abs/.1mm	ASTM D7415*	>30	<b>16.6</b>	16.2	19.0
Emulsified Water	scalar	Visual*	>0.2	<b>.2%</b>	NEG	NEG

**FLUID CONDITION**

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

Sodium	ppm	ASTM D5185(m)	>192	<b>17</b>	33	84
Boron	ppm	ASTM D5185(m)		<b>44</b>	26	59
Barium	ppm	ASTM D5185(m)		<b>&lt;1</b>	<1	<1
Molybdenum	ppm	ASTM D5185(m)		<b>76</b>	61	66
Manganese	ppm	ASTM D5185(m)		<b>4</b>	4	4
Magnesium	ppm	ASTM D5185(m)		<b>305</b>	715	294
Calcium	ppm	ASTM D5185(m)	3780	<b>1788</b>	1210	1447
Phosphorus	ppm	ASTM D5185(m)	1370	<b>919</b>	909	698
Zinc	ppm	ASTM D5185(m)	1500	<b>1090</b>	1043	884
Sulfur	ppm	ASTM D5185(m)	3800	<b>2722</b>	2466	2236
Oxidation	Abs/.1mm	ASTM D7414*	>25	<b>11.9</b>	11.0	11.9
Visc @ 100°C	cSt	ASTM D7279(m)	15.4	<b>13.1</b>	12.8	11.1



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : PN0005958 **Received** : 07 May 2024  
**Lab Number** : 02633863 **Tested** : 09 May 2024  
**Unique Number** : 5775016 **Diagnosed** : 09 May 2024 - Wes Davis  
**Test Package** : MOB 1 ( Additional Tests: Glycol, KF )

**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.