



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

Machine Id  
**988 WILSON AVE KITCHENER MOB#2 U285969 U285969**  
 Component  
**Rear 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>PN0006089</b>	PN0004606	PN0003401
Sample Date		Client Info		<b>29 Apr 2024</b>	06 Feb 2023	28 Feb 2022
Machine Age	hrs	Client Info		<b>189</b>	1766	167
Oil Age	hrs	Client Info		<b>0</b>	0	50
Filter Age	hrs	Client Info		<b>0</b>	0	50
Oil Changed		Client Info		<b>Changed</b>	Changed	Changed
Filter Changed		Client Info		<b>Changed</b>	Changed	Changed
Sample Status				<b>NORMAL</b>	NORMAL	NORMAL

**WEAR**

All component wear rates are normal.

Iron	ppm	ASTM D5185(m)	>150	<b>2</b>	2	3
Chromium	ppm	ASTM D5185(m)	>20	<b>0</b>	0	0
Nickel	ppm	ASTM D5185(m)	>5	<b>0</b>	0	<1
Titanium	ppm	ASTM D5185(m)		<b>0</b>	<1	0
Silver	ppm	ASTM D5185(m)	>2	<b>0</b>	0	0
Aluminum	ppm	ASTM D5185(m)	>40	<b>2</b>	2	2
Lead	ppm	ASTM D5185(m)	>50	<b>0</b>	0	<1
Copper	ppm	ASTM D5185(m)	>155	<b>1</b>	<1	2
Tin	ppm	ASTM D5185(m)	>10	<b>0</b>	0	0
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	0

**CONTAMINATION**

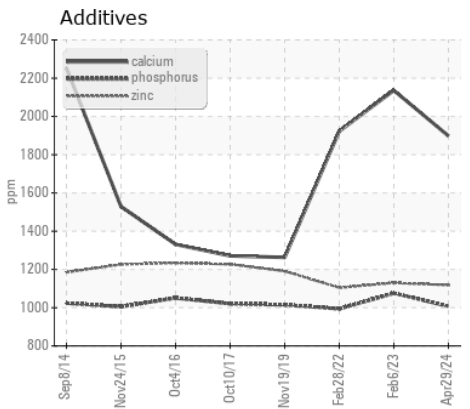
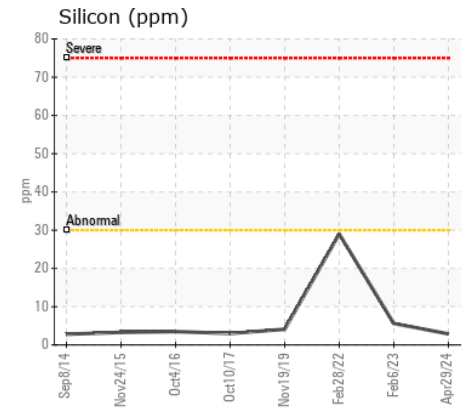
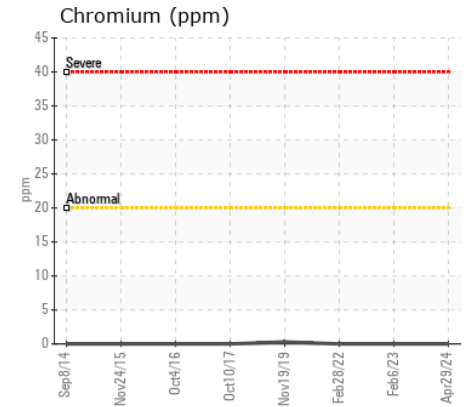
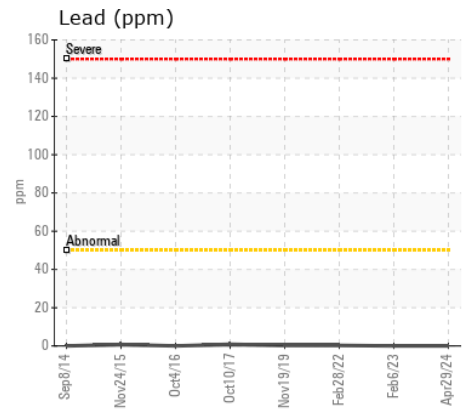
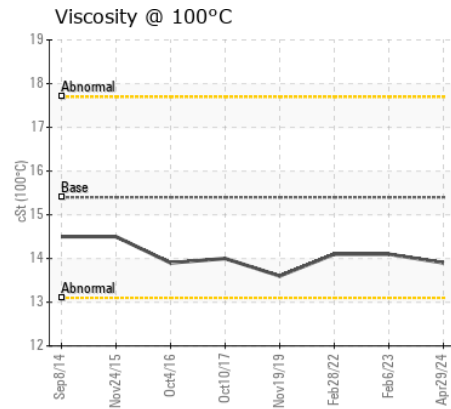
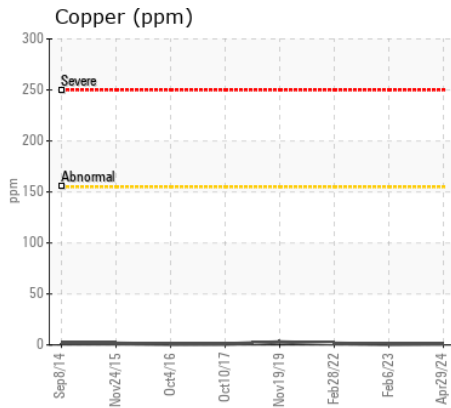
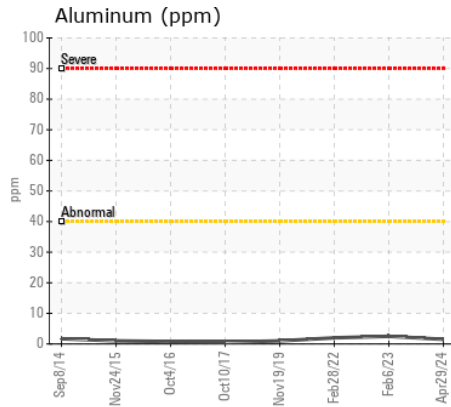
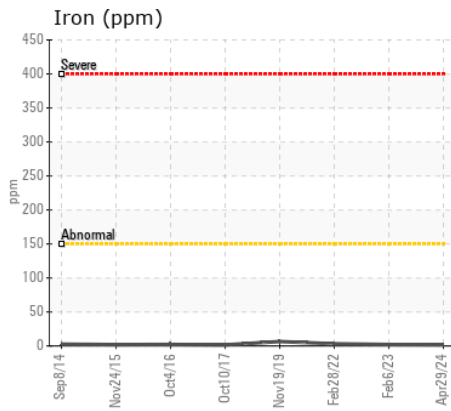
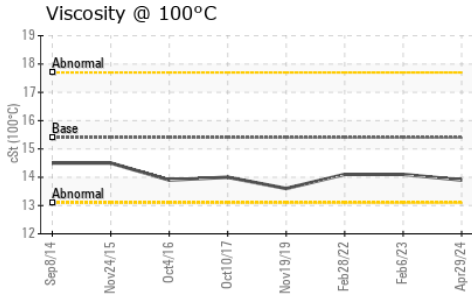
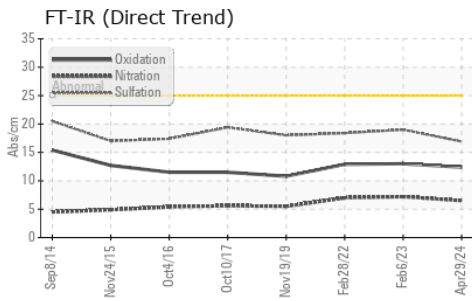
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185(m)	>30	<b>3</b>	6	29
Potassium	ppm	ASTM D5185(m)	>20	<b>&lt;1</b>	<1	2
Fuel		WC Method	>4.0	<b>&lt;1.0</b>	<1.0	<1.0
Water		WC Method	>0.2	<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>6.5</b>	7.2	7.0
Sulfation	Abs/.1mm	ASTM D7415*	>30	<b>16.9</b>	19.0	18.4
Emulsified Water	scalar	Visual*	>0.2	<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>2</b>	3	3
Boron	ppm	ASTM D5185(m)		<b>66</b>	79	71
Barium	ppm	ASTM D5185(m)		<b>0</b>	0	0
Molybdenum	ppm	ASTM D5185(m)		<b>66</b>	81	70
Manganese	ppm	ASTM D5185(m)		<b>0</b>	<1	<1
Magnesium	ppm	ASTM D5185(m)		<b>252</b>	105	221
Calcium	ppm	ASTM D5185(m)	3780	<b>1898</b>	2136	1923
Phosphorus	ppm	ASTM D5185(m)	1370	<b>1007</b>	1076	994
Zinc	ppm	ASTM D5185(m)	1500	<b>1118</b>	1130	1104
Sulfur	ppm	ASTM D5185(m)	3800	<b>3048</b>	3217	3110
Oxidation	Abs/.1mm	ASTM D7414*	>25	<b>12.4</b>	13.0	12.9
Visc @ 100°C	cSt	ASTM D7279(m)	15.4	<b>13.9</b>	14.1	14.1



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : PN0006089  
**Lab Number** : 02633476  
**Unique Number** : 5774629  
**Test Package** : MOB 1  
**Received** : 06 May 2024  
**Tested** : 06 May 2024  
**Diagnosed** : 06 May 2024 - Wes Davis

**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.