



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

Machine Id  
**340 MODDIE DR NAPEAN BELL CANADA-MOBILE U285963N**  
 Component  
**Left Diesel Engine**  
 Fluid  
**ESSO XD-3 EXTRA 10W30 (10 LTR)**

**RECOMMENDATION**

Confirm the source of the lubricant being utilized for top-up/fill.  
 Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>PN0006054</b>	PN0003893	PN0002995
Sample Date		Client Info		<b>07 May 2024</b>	31 Aug 2022	28 Oct 2021
Machine Age	hrs	Client Info		<b>1071</b>	997	780
Oil Age	hrs	Client Info		<b>0</b>	216	0
Filter Age	hrs	Client Info		<b>0</b>	216	0
Oil Changed		Client Info		<b>Changed</b>	Changed	Changed
Filter Changed		Client Info		<b>Not Chngd</b>	Changed	Changed
Sample Status				<b>NORMAL</b>	NORMAL	NORMAL

**WEAR**

All component wear rates are normal.

Iron	ppm	ASTM D5185(m)	>250	<b>4</b>	9	9
Chromium	ppm	ASTM D5185(m)	>10	<b>0</b>	0	<1
Nickel	ppm	ASTM D5185(m)	>5	<b>&lt;1</b>	<1	<1
Titanium	ppm	ASTM D5185(m)		<b>0</b>	0	0
Silver	ppm	ASTM D5185(m)	>3	<b>0</b>	0	0
Aluminum	ppm	ASTM D5185(m)	>35	<b>1</b>	2	1
Lead	ppm	ASTM D5185(m)	>100	<b>0</b>	<1	1
Copper	ppm	ASTM D5185(m)	>60	<b>1</b>	2	3
Tin	ppm	ASTM D5185(m)	>5	<b>0</b>	0	<1
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	0

**CONTAMINATION**

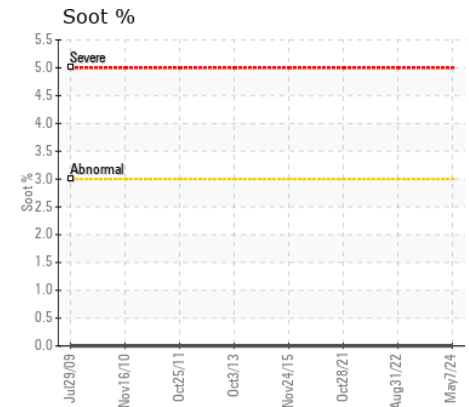
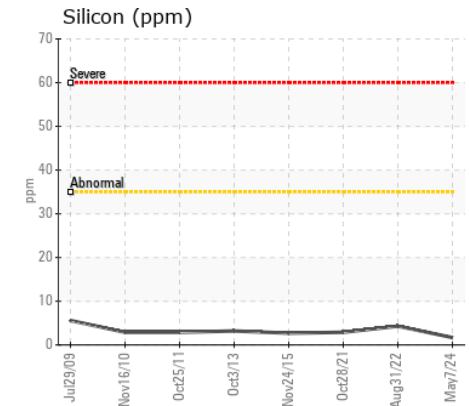
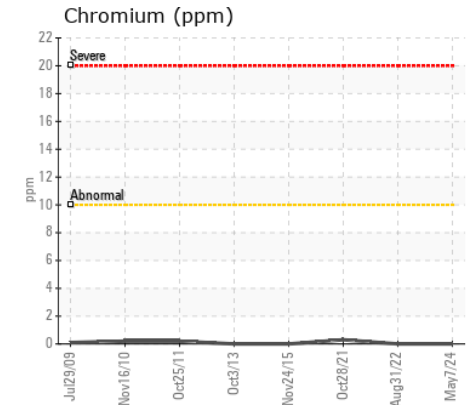
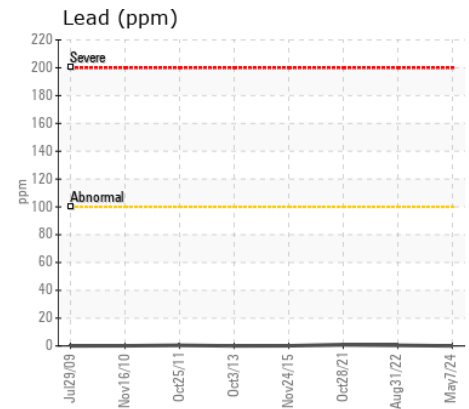
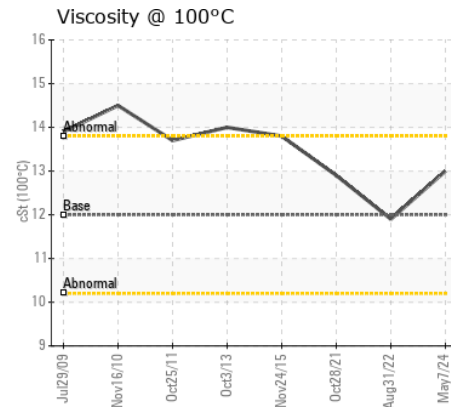
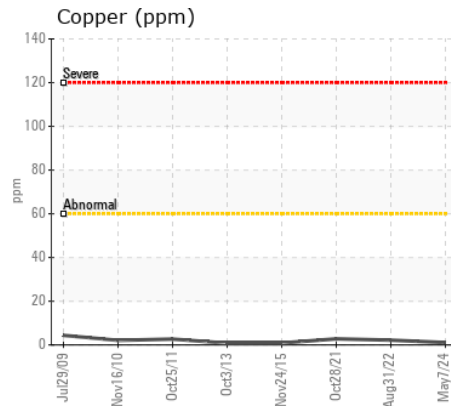
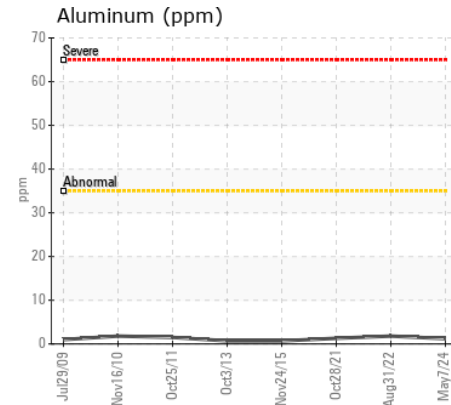
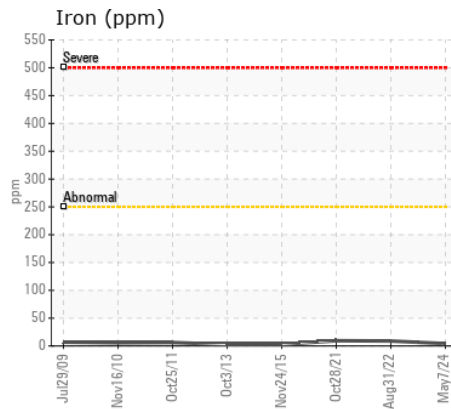
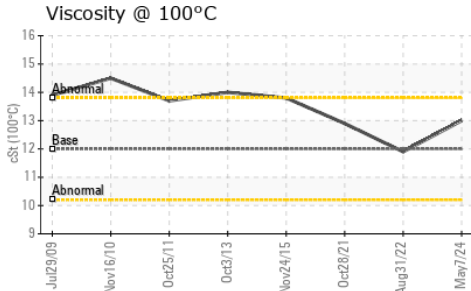
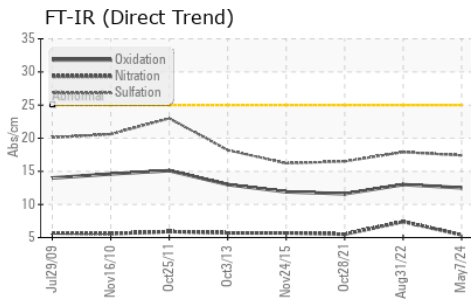
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185(m)	>35	<b>2</b>	4	3
Potassium	ppm	ASTM D5185(m)	>20	<b>&lt;1</b>	<1	<1
Fuel		WC Method	>5	<b>&lt;1.0</b>	0.6	<1.0
Water		WC Method	>0.2	<b>NEG</b>	NEG	NEG
Glycol		WC Method		<b>NEG</b>	NEG	NEG
Soot %	%	ASTM D7844*	>3	<b>0</b>	0	0
Nitration	Abs/cm	ASTM D7624*	>20	<b>5.4</b>	7.4	5.5
Sulfation	Abs/.1mm	ASTM D7415*	>30	<b>17.4</b>	17.9	16.5
Emulsified Water	scalar	Visual*	>0.2	<b>NEG</b>	NEG	NEG

**FLUID CONDITION**

Additive levels indicate the addition of a different brand, or type of oil.  
 The condition of the oil is acceptable for the time in service.

Sodium	ppm	ASTM D5185(m)		<b>2</b>	3	3
Boron	ppm	ASTM D5185(m)		<b>19</b>	36	2
Barium	ppm	ASTM D5185(m)		<b>0</b>	0	0
Molybdenum	ppm	ASTM D5185(m)		<b>66</b>	73	58
Manganese	ppm	ASTM D5185(m)		<b>0</b>	<1	<1
Magnesium	ppm	ASTM D5185(m)		<b>723</b>	348	1016
Calcium	ppm	ASTM D5185(m)	2360	<b>1426</b>	1802	1228
Phosphorus	ppm	ASTM D5185(m)	1110	<b>1021</b>	1057	1102
Zinc	ppm	ASTM D5185(m)	1220	<b>1204</b>	1167	1261
Sulfur	ppm	ASTM D5185(m)		<b>2802</b>	3044	2877
Oxidation	Abs/.1mm	ASTM D7414*	>25	<b>12.5</b>	13.0	11.6
Visc @ 100°C	cSt	ASTM D7279(m)	12.0	<b>13.0</b>	11.9	12.9



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : PN0006054  
**Lab Number** : 02634896  
**Unique Number** : 5776049  
**Test Package** : MOB 1  
**Received** : 13 May 2024  
**Tested** : 13 May 2024  
**Diagnosed** : 13 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.