



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area  
**Shelter Bay**  
Machine Id  
**KUBOTA V3800-T K2703 (S/N 2KA2703)**  
Component  
**Diesel Engine**  
Fluid  
**MOBIL 15W40 (15 LTR)**

**RECOMMENDATION**

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>WC0894274</b>	WC0894250	---
Sample Date		Client Info		<b>16 Mar 2024</b>	03 Feb 2024	---
Machine Age	hrs	Client Info		<b>18490</b>	17970	---
Oil Age	hrs	Client Info		<b>520</b>	370	---
Filter Age	hrs	Client Info		<b>190</b>	370	---
Oil Changed		Client Info		<b>Changed</b>	Changed	---
Filter Changed		Client Info		<b>Changed</b>	Changed	---
Sample Status				<b>NORMAL</b>	NORMAL	---

**WEAR**

All component wear rates are normal.

Iron	ppm	ASTM D5185(m)	>100	<b>7</b>	5	---
Chromium	ppm	ASTM D5185(m)	>20	<b>0</b>	0	---
Nickel	ppm	ASTM D5185(m)	>4	<b>0</b>	<1	---
Titanium	ppm	ASTM D5185(m)		<b>0</b>	0	---
Silver	ppm	ASTM D5185(m)	>3	<b>0</b>	0	---
Aluminum	ppm	ASTM D5185(m)	>20	<b>&lt;1</b>	1	---
Lead	ppm	ASTM D5185(m)	>40	<b>0</b>	0	---
Copper	ppm	ASTM D5185(m)	>330	<b>&lt;1</b>	<1	---
Tin	ppm	ASTM D5185(m)	>15	<b>0</b>	0	---
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	---

**CONTAMINATION**

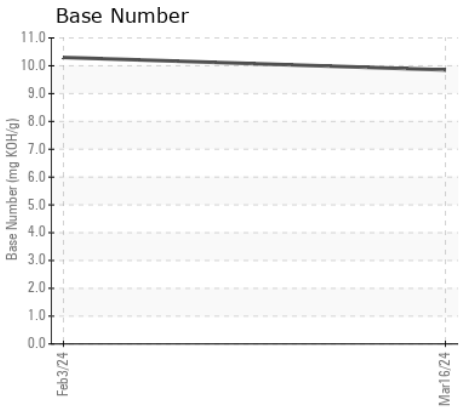
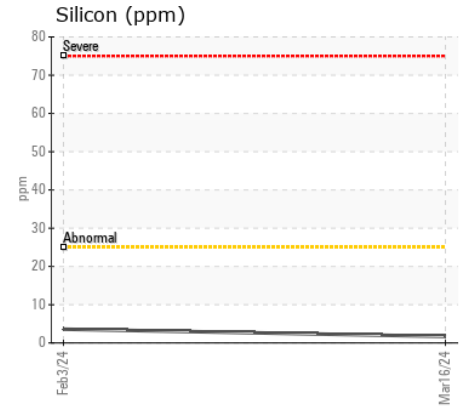
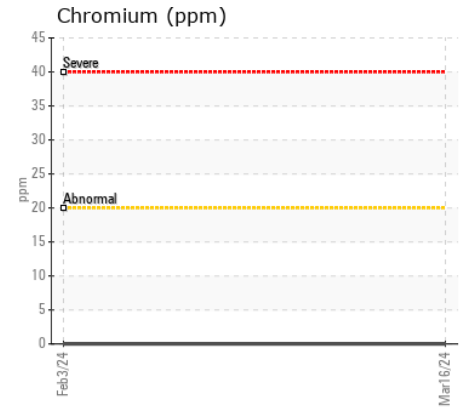
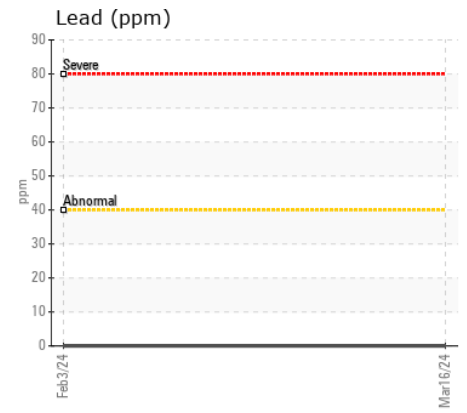
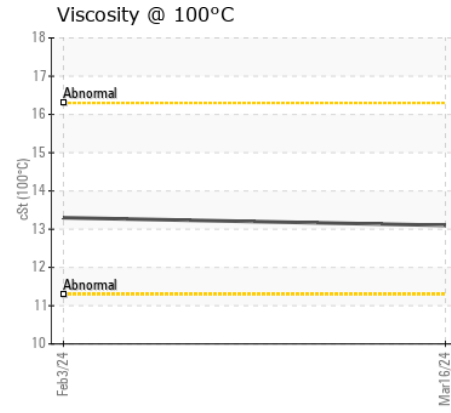
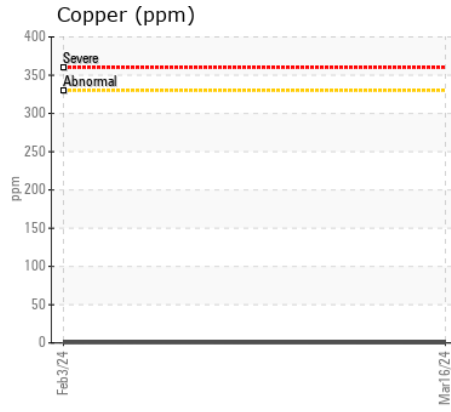
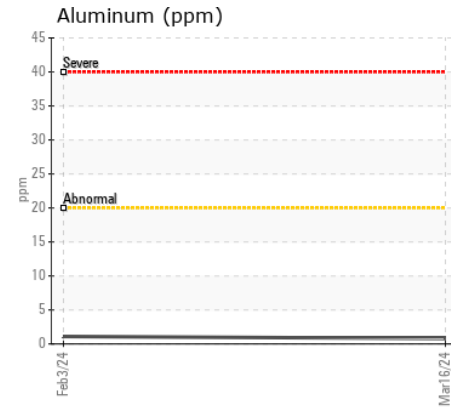
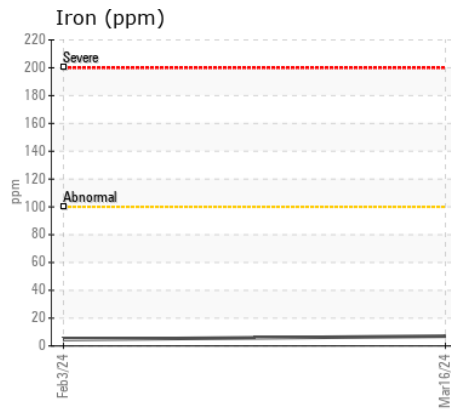
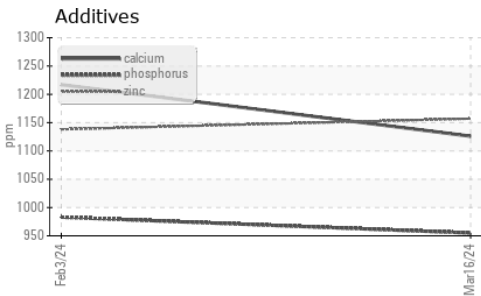
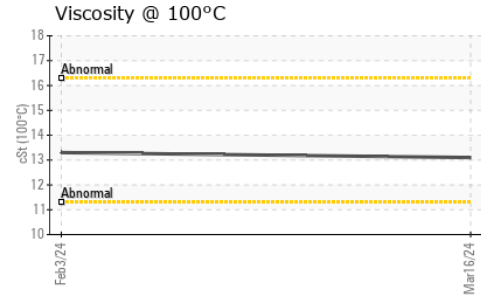
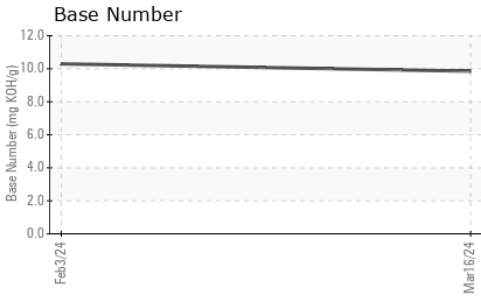
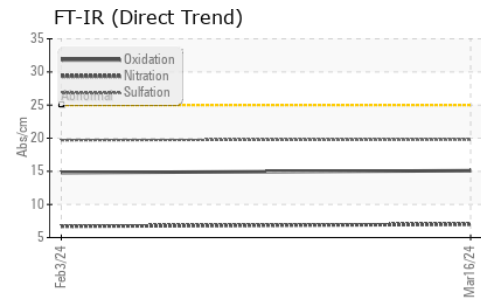
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185(m)	>25	<b>2</b>	4	---
Potassium	ppm	ASTM D5185(m)	>20	<b>&lt;1</b>	<1	---
Fuel		WC Method	>5	<b>&lt;1.0</b>	<1.0	---
Water		WC Method	>0.2	<b>NEG</b>	NEG	---
Glycol		WC Method		<b>NEG</b>	NEG	---
Soot %	%	ASTM D7844*	>3	<b>0.2</b>	0.1	---
Nitration	Abs/cm	ASTM D7624*	>20	<b>7.0</b>	6.7	---
Sulfation	Abs/.1mm	ASTM D7415*	>30	<b>19.8</b>	19.7	---
Emulsified Water	scalar	Visual*	>0.2	<b>NEG</b>	NEG	---

**FLUID CONDITION**

The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

Sodium	ppm	ASTM D5185(m)	>118	<b>&lt;1</b>	<1	---
Boron	ppm	ASTM D5185(m)		<b>2</b>	2	---
Barium	ppm	ASTM D5185(m)		<b>0</b>	0	---
Molybdenum	ppm	ASTM D5185(m)		<b>55</b>	52	---
Manganese	ppm	ASTM D5185(m)		<b>0</b>	0	---
Magnesium	ppm	ASTM D5185(m)		<b>879</b>	837	---
Calcium	ppm	ASTM D5185(m)		<b>1126</b>	1217	---
Phosphorus	ppm	ASTM D5185(m)		<b>955</b>	983	---
Zinc	ppm	ASTM D5185(m)		<b>1157</b>	1138	---
Sulfur	ppm	ASTM D5185(m)		<b>2546</b>	2812	---
Oxidation	Abs/.1mm	ASTM D7414*	>25	<b>15.1</b>	14.8	---
Base Number (BN)	mg KOH/g	ASTM D2896*		<b>9.85</b>	10.30	---
Visc @ 100°C	cSt	ASTM D7279(m)		<b>13.1</b>	13.3	---



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : WC0894274 **Received** : 08 Apr 2024  
**Lab Number** : 02627249 **Tested** : 09 Apr 2024  
**Unique Number** : 5760381 **Diagnosed** : 09 Apr 2024 - Wes Davis  
**Test Package** : MOB 2

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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