



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id  
**JOHN DEERE John Deere feed generator (S/N PE6068NO13295)**

Component  
**Diesel Engine**

Fluid  
**MOBIL 15W40 (30 LTR)**

**RECOMMENDATION**

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0894251	---	---
Sample Date		Client Info		03 Feb 2024	---	---
Machine Age	hrs	Client Info		12410	---	---
Oil Age	hrs	Client Info		275	---	---
Filter Age	hrs	Client Info		275	---	---
Oil Changed		Client Info		Changed	---	---
Filter Changed		Client Info		Changed	---	---
Sample Status				NORMAL	---	---

**WEAR**

All component wear rates are normal.

Iron	ppm	ASTM D5185(m)	>51	5	---	---
Chromium	ppm	ASTM D5185(m)	>11	0	---	---
Nickel	ppm	ASTM D5185(m)	>5	<1	---	---
Titanium	ppm	ASTM D5185(m)		0	---	---
Silver	ppm	ASTM D5185(m)	>3	0	---	---
Aluminum	ppm	ASTM D5185(m)	>31	1	---	---
Lead	ppm	ASTM D5185(m)	>26	<1	---	---
Copper	ppm	ASTM D5185(m)	>26	<1	---	---
Tin	ppm	ASTM D5185(m)	>4	0	---	---
Vanadium	ppm	ASTM D5185(m)		0	---	---

**CONTAMINATION**

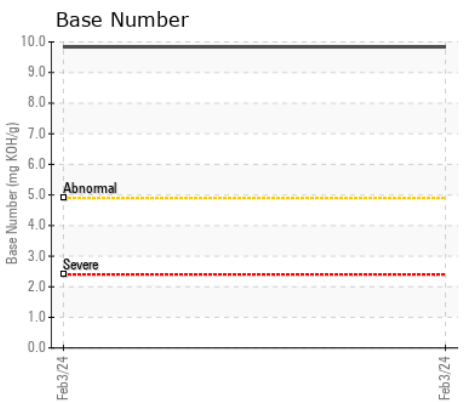
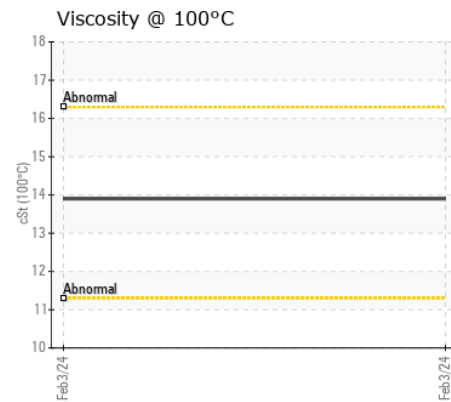
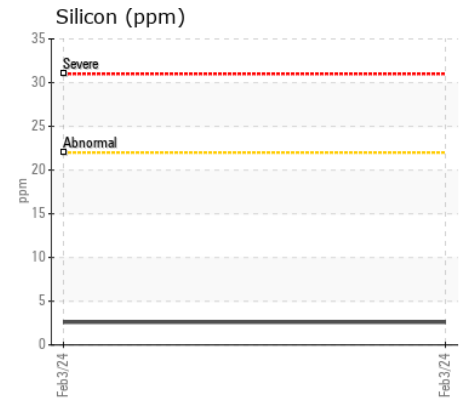
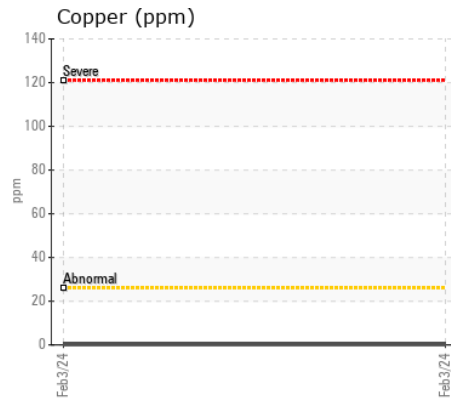
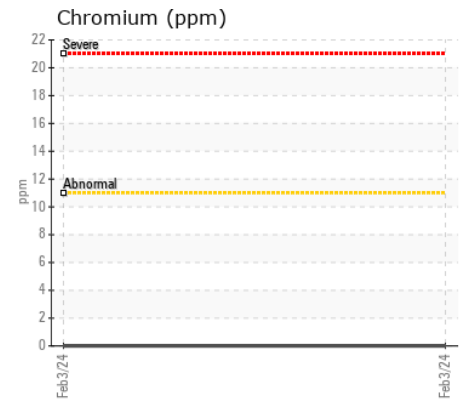
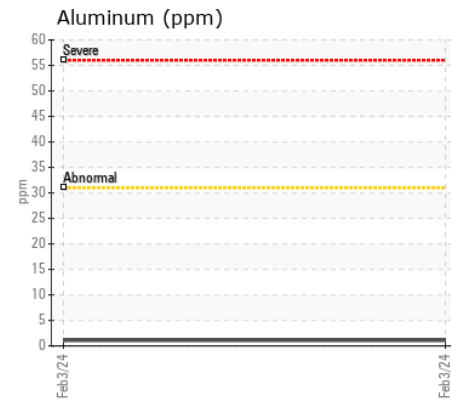
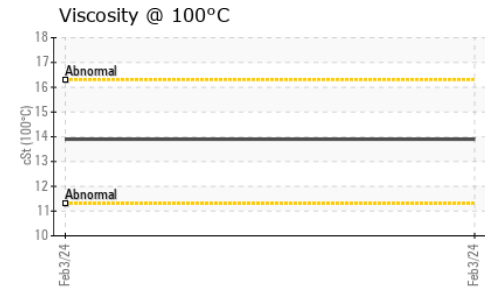
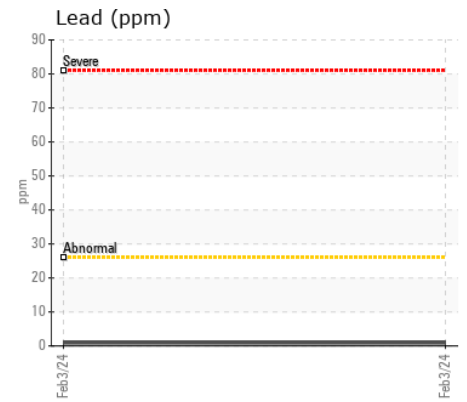
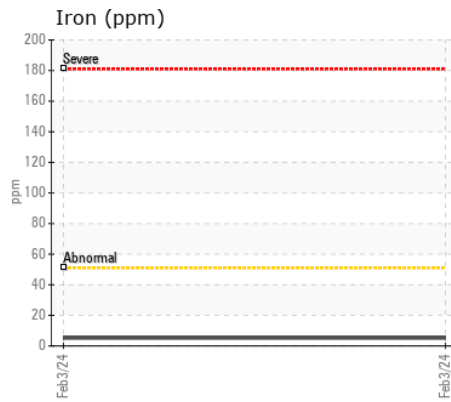
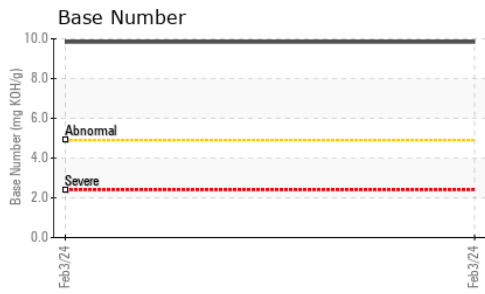
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185(m)	>22	3	---	---
Potassium	ppm	ASTM D5185(m)	>20	<1	---	---
Fuel		WC Method	>2.1	<1.0	---	---
Water		WC Method	>0.21	NEG	---	---
Glycol		WC Method		NEG	---	---
Soot %	%	ASTM D7844*	>3	0.2	---	---
Nitration	Abs/cm	ASTM D7624*	>20	6.2	---	---
Sulfation	Abs/.1mm	ASTM D7415*	>30	19.5	---	---
Emulsified Water	scalar	Visual*	>0.21	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	<1	---	---
Boron	ppm	ASTM D5185(m)		2	---	---
Barium	ppm	ASTM D5185(m)		0	---	---
Molybdenum	ppm	ASTM D5185(m)		54	---	---
Manganese	ppm	ASTM D5185(m)		0	---	---
Magnesium	ppm	ASTM D5185(m)		870	---	---
Calcium	ppm	ASTM D5185(m)		1271	---	---
Phosphorus	ppm	ASTM D5185(m)		1009	---	---
Zinc	ppm	ASTM D5185(m)		1161	---	---
Sulfur	ppm	ASTM D5185(m)		2885	---	---
Oxidation	Abs/.1mm	ASTM D7414*	>25	13.8	---	---
Base Number (BN)	mg KOH/g	ASTM D2896*		9.84	---	---
Visc @ 100°C	cSt	ASTM D7279(m)		13.9	---	---



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : WC0894251  
**Lab Number** : 02617976  
**Unique Number** : 5735086  
**Test Package** : MOB 2  
**Received** : 26 Feb 2024  
**Tested** : 26 Feb 2024  
**Diagnosed** : 26 Feb 2024 - Wes Davis

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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