



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
JOHN DEERE 853MH2016

Component
Front Diesel Engine

Fluid
{not provided} (27 LTR)

RECOMMENDATION

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.

WEAR

All component wear rates are normal.

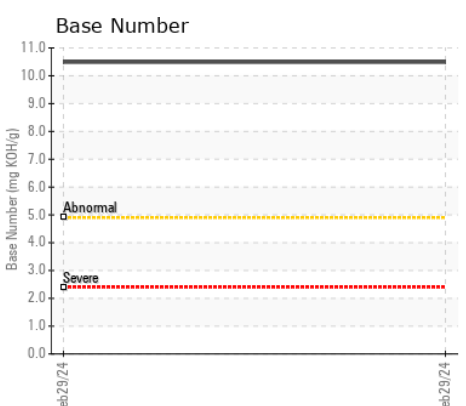
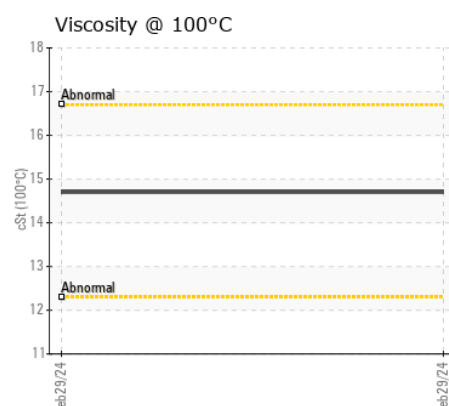
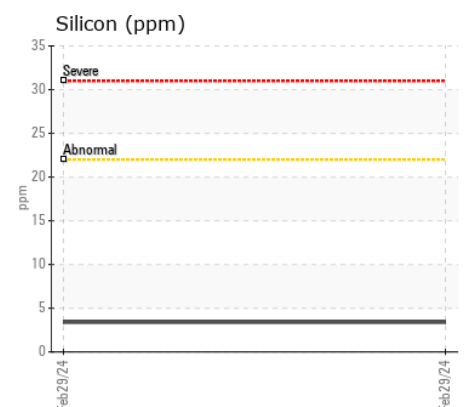
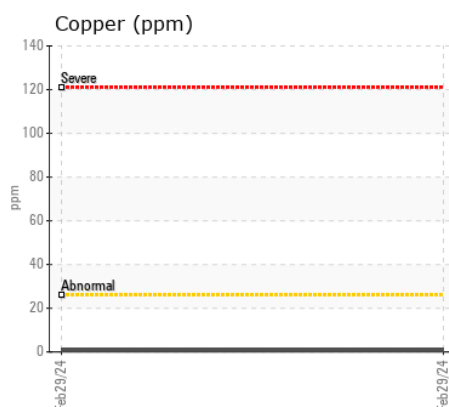
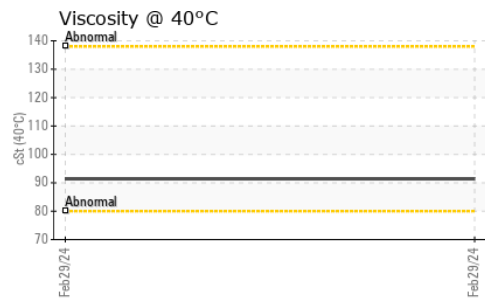
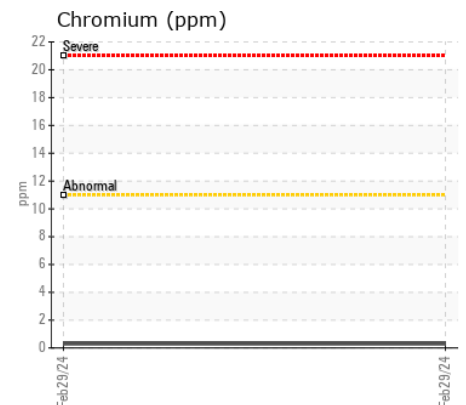
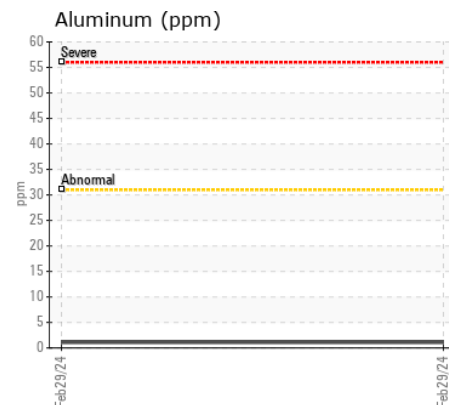
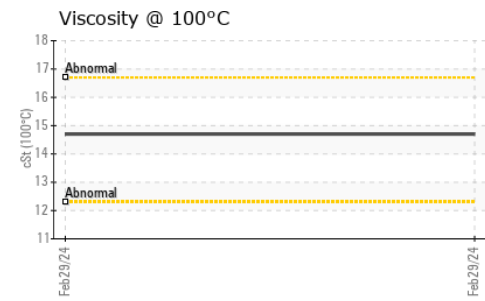
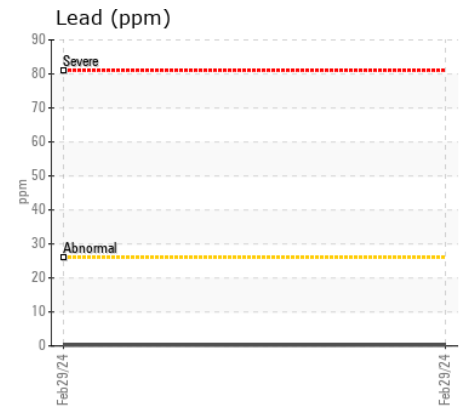
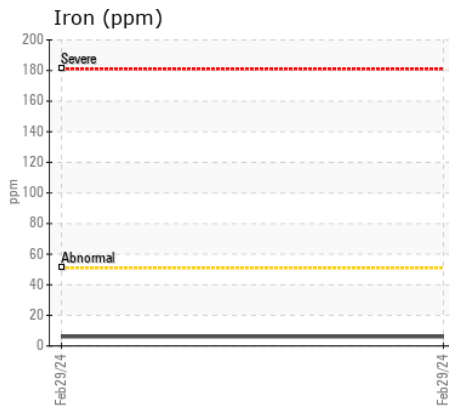
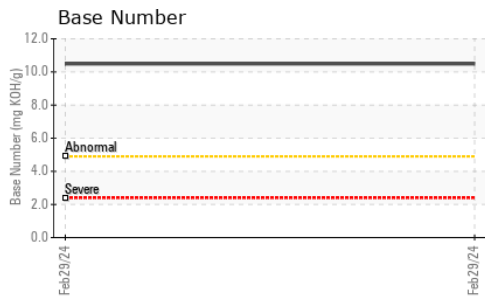
CONTAMINATION

There is no indication of any contamination in the oil.

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.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		PC335323	---	---
Sample Date		Client Info		29 Feb 2024	---	---
Machine Age	hrs	Client Info		29230	---	---
Oil Age	hrs	Client Info		261	---	---
Filter Age	hrs	Client Info		261	---	---
Oil Changed		Client Info		Not Changd	---	---
Filter Changed		Client Info		Not Changd	---	---
Sample Status				NORMAL	---	---
<hr/>						
Iron	ppm	ASTM D5185(m)	>51	6	---	---
Chromium	ppm	ASTM D5185(m)	>11	<1	---	---
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	---	---
<hr/>						
Silicon	ppm	ASTM D5185(m)	>22	3	---	---
Potassium	ppm	ASTM D5185(m)	>20	2	---	---
Fuel		WC Method	>2.1	<1.0	---	---
Water		WC Method	>0.21	NEG	---	---
Glycol		WC Method		NEG	---	---
Soot %	%	ASTM D7844*	>3	0	---	---
Nitration	Abs/cm	ASTM D7624*	>20	7.3	---	---
Sulfation	Abs/.1mm	ASTM D7415*	>30	20.2	---	---
Emulsified Water	scalar	Visual*	>0.21	NEG	---	---
<hr/>						
Sodium	ppm	ASTM D5185(m)	>31	4	---	---
Boron	ppm	ASTM D5185(m)		48	---	---
Barium	ppm	ASTM D5185(m)		0	---	---
Molybdenum	ppm	ASTM D5185(m)		52	---	---
Manganese	ppm	ASTM D5185(m)		0	---	---
Magnesium	ppm	ASTM D5185(m)		954	---	---
Calcium	ppm	ASTM D5185(m)		971	---	---
Phosphorus	ppm	ASTM D5185(m)		984	---	---
Zinc	ppm	ASTM D5185(m)		1153	---	---
Sulfur	ppm	ASTM D5185(m)		2840	---	---
Oxidation	Abs/.1mm	ASTM D7414*	>25	17.5	---	---
Base Number (BN)	mg KOH/g	ASTM D2896*		10.49	---	---
Visc @ 40°C	cSt	ASTM D7279(m)		91.4	---	---
Visc @ 100°C	cSt	ASTM D7279(m)		14.7	---	---
Viscosity Index (VI)	Scale	ASTM D2270*		168	---	---



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC335323
Lab Number : 02620728
Unique Number : 5737838
Test Package : MOB 2 (Additional Tests: KV40, VI)
Received : 08 Mar 2024
Tested : 11 Mar 2024
Diagnosed : 11 Mar 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.

COUPE RMB
 3590 BOUL. MARTEL
 ST-HONERIE, QC
 CA G0V 1L0
 Contact: Jacques Dionne
 jdionne350@gmail.com
 T: (418)817-3742
 F: (418)673-1917