

OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Machine Id
JOHN DEERE 350G 20-87 (S/N 1FF350GXVMF900460)
 Component
Swing Drive
 Fluid
PETRO CANADA TRAXON 80W90 (--- GAL)

DIAGNOSIS

Recommendation
 Resample at the next service interval to monitor.

Wear
 All component wear rates are normal.

Contamination
 There is no indication of any contamination in the oil.

Fluid Condition
 The condition of the oil is acceptable for the time in service.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		PCA0056871	---	---
Sample Date	Client Info		10 Jan 2024	---	---
Machine Age	hrs	Client Info	2690	---	---
Oil Age	hrs	Client Info	2690	---	---
Oil Changed	Client Info		Changed	---	---
Sample Status			NORMAL	---	---

CONTAMINATION

	method	limit/base	current	history1	history2
Water	WC Method	>0.1	NEG	---	---

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >151	83	---	---
Chromium	ppm	ASTM D5185m >11	1	---	---
Nickel	ppm	ASTM D5185m >10	0	---	---
Titanium	ppm	ASTM D5185m	0	---	---
Silver	ppm	ASTM D5185m	0	---	---
Aluminum	ppm	ASTM D5185m >21	<1	---	---
Lead	ppm	ASTM D5185m >51	0	---	---
Copper	ppm	ASTM D5185m >51	<1	---	---
Tin	ppm	ASTM D5185m >10	0	---	---
Vanadium	ppm	ASTM D5185m	0	---	---
Cadmium	ppm	ASTM D5185m	0	---	---

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m 243	60	---	---
Barium	ppm	ASTM D5185m 1	0	---	---
Molybdenum	ppm	ASTM D5185m	0	---	---
Manganese	ppm	ASTM D5185m	2	---	---
Magnesium	ppm	ASTM D5185m 2	0	---	---
Calcium	ppm	ASTM D5185m 6	10	---	---
Phosphorus	ppm	ASTM D5185m 987	499	---	---
Zinc	ppm	ASTM D5185m 1	30	---	---
Sulfur	ppm	ASTM D5185m 21530	14085	---	---

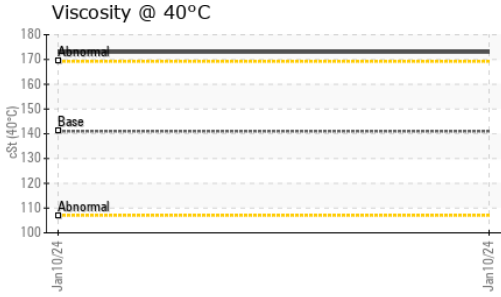
CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >31	14	---	---
Sodium	ppm	ASTM D5185m >51	1	---	---
Potassium	ppm	ASTM D5185m >20	<1	---	---

VISUAL

	method	limit/base	current	history1	history2
White Metal	scalar	*Visual NONE	NONE	---	---
Yellow Metal	scalar	*Visual NONE	NONE	---	---
Precipitate	scalar	*Visual NONE	NONE	---	---
Silt	scalar	*Visual NONE	NONE	---	---
Debris	scalar	*Visual NONE	NONE	---	---
Sand/Dirt	scalar	*Visual NONE	NONE	---	---
Appearance	scalar	*Visual NORML	NORML	---	---
Odor	scalar	*Visual NORML	NORML	---	---
Emulsified Water	scalar	*Visual >0.1	NEG	---	---
Free Water	scalar	*Visual	NEG	---	---

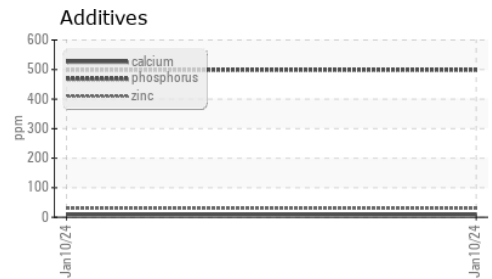
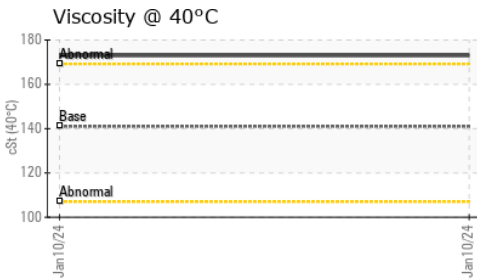
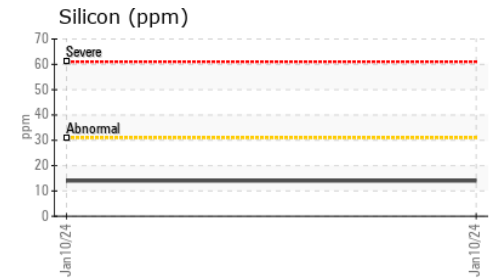
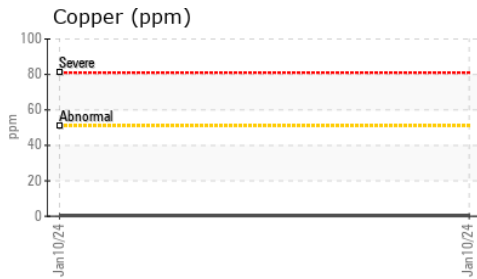
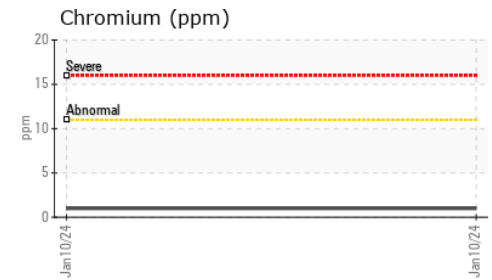
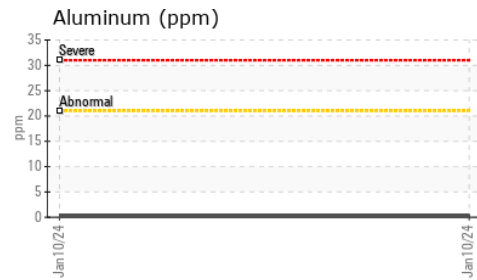
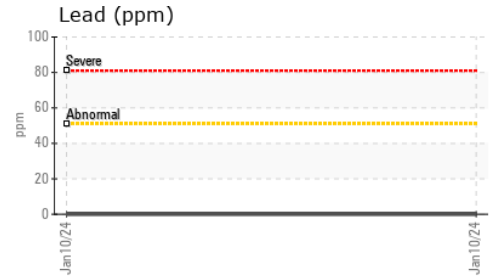
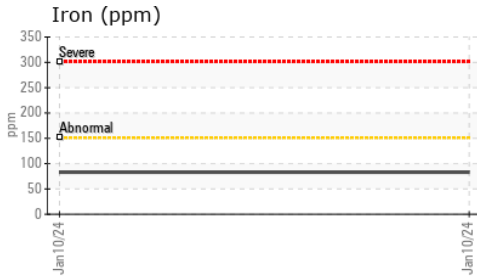
OIL ANALYSIS REPORT



FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	141.0	173	---	---

SAMPLE IMAGES		method	limit/base	current	history1	history2
Color					no image	no image
Bottom					no image	no image

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : PCA0056871 **Received** : 25 Jan 2024
Lab Number : *06070773 **Diagnosed** : 28 Jan 2024
Unique Number : 10847450 **Diagnostician** : Wes Davis
Test Package : MOB 1

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 604 HILBRATH DR
 LANTANA, FL
 US 33462
 Contact: GENE GARDNER
 ggardner@johnsondavis.com
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 F:

To discuss this sample report, contact Customer Service at 1-800-237-1369.

* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)