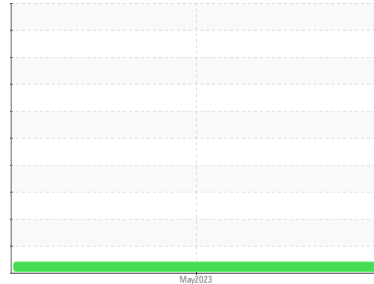


# OIL ANALYSIS REPORT

Sample Rating Trend



VISCOSITY



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

## DIAGNOSIS

### Recommendation

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor.

### Wear

Metal levels are typical for a new component breaking in.

### Contamination

There is no indication of any contamination in the oil.

### Fluid Condition

The oil viscosity is lower than normal. Additive levels indicate the addition of a different brand, or type of oil. Confirm oil type.

## SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		<b>PCA0056870</b>	---	---
Sample Date	Client Info		<b>17 May 2023</b>	---	---
Machine Age	hrs	Client Info	<b>2690</b>	---	---
Oil Age	hrs	Client Info	<b>2690</b>	---	---
Oil Changed	Client Info		<b>Changed</b>	---	---
Sample Status			<b>ATTENTION</b>	---	---

## CONTAMINATION

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

## WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >151	<b>76</b>	---	---
Chromium	ppm	ASTM D5185m >11	<b>2</b>	---	---
Nickel	ppm	ASTM D5185m >10	<b>0</b>	---	---
Titanium	ppm	ASTM D5185m	<b>0</b>	---	---
Silver	ppm	ASTM D5185m	<b>0</b>	---	---
Aluminum	ppm	ASTM D5185m >21	<b>2</b>	---	---
Lead	ppm	ASTM D5185m >51	<b>0</b>	---	---
Copper	ppm	ASTM D5185m >51	<b>1</b>	---	---
Tin	ppm	ASTM D5185m	<b>&lt;1</b>	---	---
Vanadium	ppm	ASTM D5185m	<b>0</b>	---	---
Cadmium	ppm	ASTM D5185m	<b>0</b>	---	---

## ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m 243	<b>60</b>	---	---
Barium	ppm	ASTM D5185m 1	<b>2</b>	---	---
Molybdenum	ppm	ASTM D5185m	<b>105</b>	---	---
Manganese	ppm	ASTM D5185m	<b>8</b>	---	---
Magnesium	ppm	ASTM D5185m 2	<b>8</b>	---	---
Calcium	ppm	ASTM D5185m 6	<b>3993</b>	---	---
Phosphorus	ppm	ASTM D5185m 987	<b>1234</b>	---	---
Zinc	ppm	ASTM D5185m 1	<b>1312</b>	---	---
Sulfur	ppm	ASTM D5185m 21530	<b>7586</b>	---	---

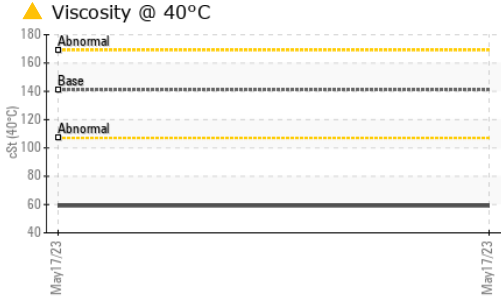
## CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >31	<b>45</b>	---	---
Sodium	ppm	ASTM D5185m >51	<b>3</b>	---	---
Potassium	ppm	ASTM D5185m >20	<b>0</b>	---	---

## VISUAL

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

# OIL ANALYSIS REPORT



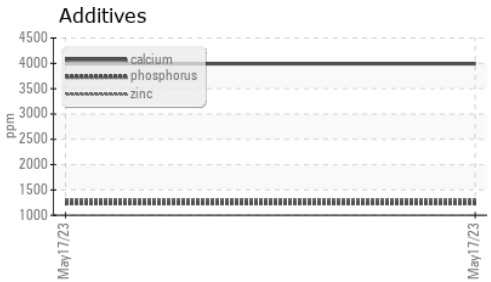
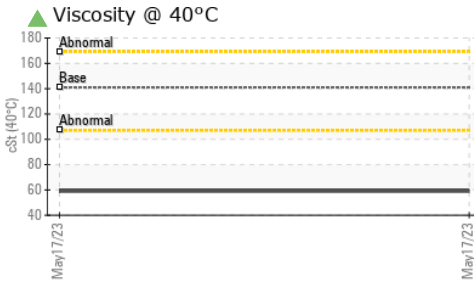
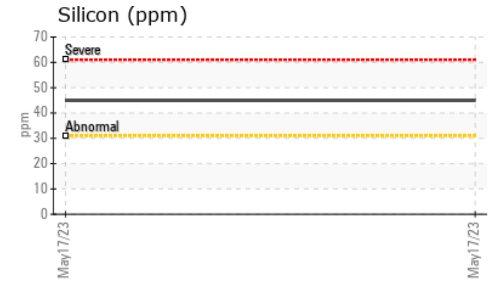
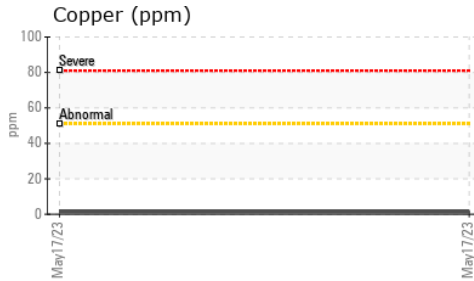
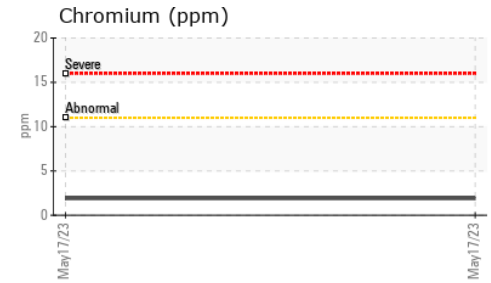
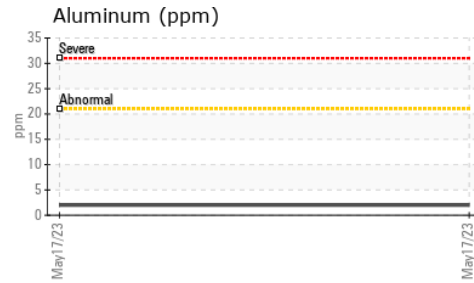
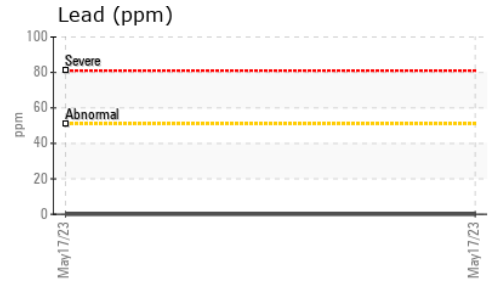
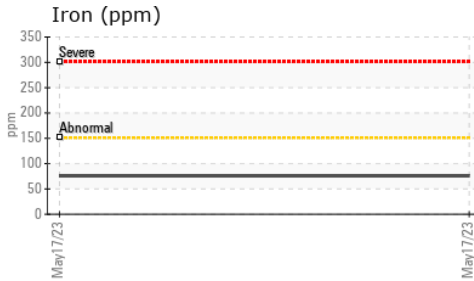
## FLUID PROPERTIES

method	limit/base	current	history1	history2
Visc @ 40°C	cSt ASTM D445	141.0 ▲ 59.1	---	---

## 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.** : PCA0056870 **Recieved** : 25 Jan 2024  
**Lab Number** : 06070774 **Diagnosed** : 28 Jan 2024  
**Unique Number** : 10847451 **Diagnostician** : Don Baldrige  
**Test Package** : MOB 1

**JOHNSON DAVIS CONTRACTORS**  
 604 HILBRATH DR  
 LANTANA, FL  
 US 33462  
 Contact: GENE GARDNER  
 ggardner@johnsondavis.com  
 T: (561)588-1170  
 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)