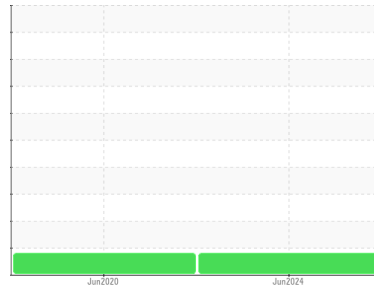


# OIL ANALYSIS REPORT



Machine Id  
**JOHN DEERE 770G 11756**  
Component  
**Transmission (Manual)**  
Fluid  
**PETRO CANADA DURATRAN (--- GAL)**

Sample Rating Trend



**VISCOSITY**



**DIAGNOSIS**

**Recommendation**

Confirmez la source du lubrifiant utilisé pour l'appoint/remplissage. Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition.

**Wear**

Les taux d'usure de tous les composants sont normaux.

**Contamination**

Il n'y a aucun indice de contamination dans le fluide.

**Fluid Condition**

La viscosité de le fluide est inférieure à la viscosité type, ce qui pourrait indiquer l'ajout d'un grade d'huile plus léger. Ceci, en plus des niveaux d'additifs, indique que la marque ou le type d'huile ne correspond pas à ce qui a été signalé. Le AN est acceptable pour ce fluide. L'état de le fluide permet d'en prolonger l'utilisation.

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			<b>PC0068999</b>	PC0005519	---
Sample Date	Client Info			<b>11 Jun 2024</b>	15 Jun 2020	---
Machine Age	hrs	Client Info		<b>0</b>	7145	---
Oil Age	hrs	Client Info		<b>0</b>	0	---
Oil Changed	Client Info			<b>N/A</b>	Not Changd	---
Sample Status				<b>ABNORMAL</b>	ABNORMAL	---

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

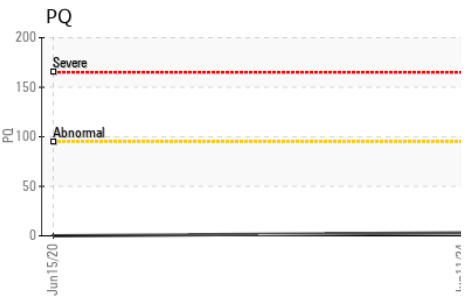
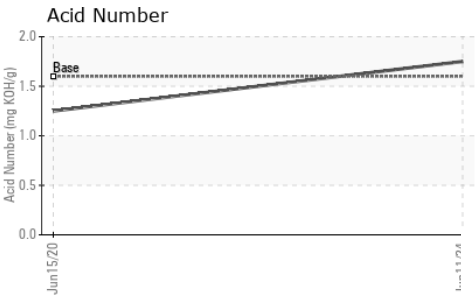
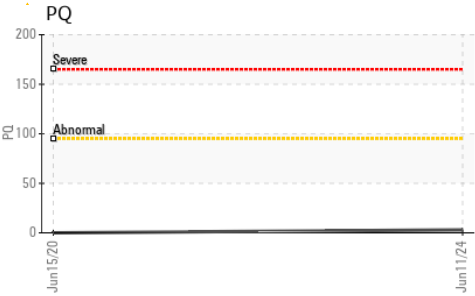
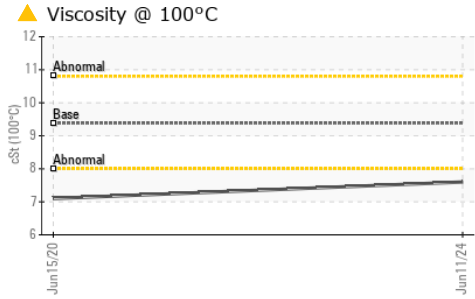
WEAR METALS		method	limit/base	current	history1	history2
PQ		ASTM D8184*	>95	<b>3</b>	0	---
Iron	ppm	ASTM D5185(m)	>200	<b>51</b>	10	---
Chromium	ppm	ASTM D5185(m)	>5	<b>0</b>	0	---
Nickel	ppm	ASTM D5185(m)	>5	<b>0</b>	0	---
Titanium	ppm	ASTM D5185(m)		<b>2</b>	<1	---
Silver	ppm	ASTM D5185(m)	>7	<b>0</b>	<1	---
Aluminum	ppm	ASTM D5185(m)	>25	<b>2</b>	5	---
Lead	ppm	ASTM D5185(m)	>45	<b>1</b>	2	---
Copper	ppm	ASTM D5185(m)	>225	<b>39</b>	26	---
Tin	ppm	ASTM D5185(m)	>10	<b>0</b>	0	---
Antimony	ppm	ASTM D5185(m)		<b>0</b>	<1	---
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	---
Beryllium	ppm	ASTM D5185(m)		<b>0</b>	0	---
Cadmium	ppm	ASTM D5185(m)		<b>0</b>	0	---

ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)	110	<b>10</b>	104	---
Barium	ppm	ASTM D5185(m)	0.0	<b>&lt;1</b>	<1	---
Molybdenum	ppm	ASTM D5185(m)	0.0	<b>0</b>	7	---
Manganese	ppm	ASTM D5185(m)	1	<b>&lt;1</b>	<1	---
Magnesium	ppm	ASTM D5185(m)	13	<b>96</b>	9	---
Calcium	ppm	ASTM D5185(m)	3610	<b>3450</b>	3200	---
Phosphorus	ppm	ASTM D5185(m)	1192	<b>1002</b>	1131	---
Zinc	ppm	ASTM D5185(m)	1455	<b>1190</b>	1297	---
Sulfur	ppm	ASTM D5185(m)	2641	<b>3385</b>	2940	---
Lithium	ppm	ASTM D5185(m)		<b>1</b>	<1	---

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>125	<b>4</b>	8	---
Sodium	ppm	ASTM D5185(m)		<b>5</b>	2	---
Potassium	ppm	ASTM D5185(m)	>20	<b>1</b>	<1	---

FLUID DEGRADATION		method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D974*	1.6	<b>1.75</b>	1.25	---

# OIL ANALYSIS REPORT



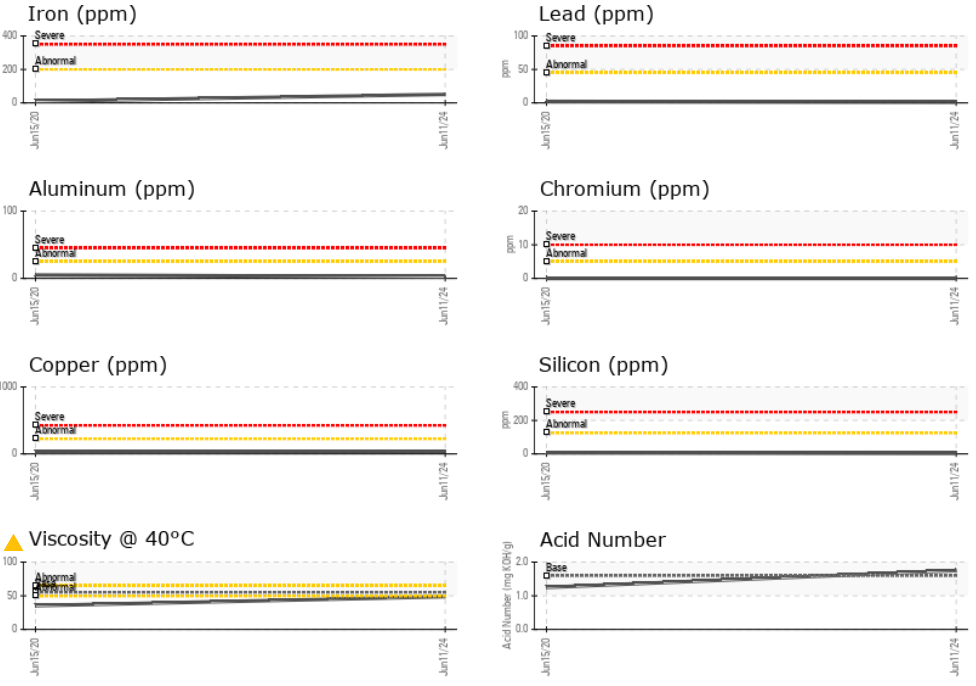
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	NONE	---
Yellow Metal	scalar	Visual*	NONE	NONE	---
Precipitate	scalar	Visual*	NONE	NONE	---
Silt	scalar	Visual*	NONE	NONE	---
Debris	scalar	Visual*	NONE	NONE	LIGHT
Sand/Dirt	scalar	Visual*	NONE	NONE	---
Appearance	scalar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

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D279(m)	55.14	▲ 48.7	▲ 35.3
Visc @ 100°C	cSt	ASTM D279(m)	9.38	▲ 7.6	▲ 7.1
Viscosity Index (VI)	Scale	ASTM D2270*	153	121	168

### SAMPLE IMAGES

	method	limit/base	current	history1	history2
Color					
Bottom					

### GRAPHS



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : PC0068999 **Received** : 12 Jun 2024  
**Lab Number** : 02641518 **Tested** : 14 Jun 2024  
**Unique Number** : 5799057 **Diagnosed** : 14 Jun 2024 - Kevin Marson  
**Test Package** : MOB 2 ( Additional Tests: KV100, PQ, VI )

**VILLE DE QUEBEC**  
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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.