



# RAPPORT D'ANALYSE D'HUILE

USURE	<b>NORMAL</b>
CONTAMINATION	<b>NORMAL</b>
ÉTAT DU FLUIDE	<b>NORMAL</b>

Identité de la machine

**237**

Composant

**Moteur diesel**

Fluid

**PETRO CANADA DURON SHP 10W30 (--- GAL)**

## RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		<b>WC0937997</b>	---	---
Date d'échant.		Client Info		<b>17 May 2024</b>	---	---
Âge d la Machine	kms	Client Info		<b>933150</b>	---	---
Âge de l'huile	kms	Client Info		<b>1617</b>	---	---
Âge du filtre	kms	Client Info		<b>1617</b>	---	---
Huile changée		Client Info		<b>Changed</b>	---	---
Filtre changé		Client Info		<b>Changed</b>	---	---
Statut de l'échant.				<b>NORMAL</b>	---	---

## USURE

All component wear rates are normal.

Fer	ppm	ASTM D5185(m)	>165	<b>10</b>	---	---
Chrome	ppm	ASTM D5185(m)	>5	<b>0</b>	---	---
Nickel	ppm	ASTM D5185(m)	>4	<b>0</b>	---	---
Titane	ppm	ASTM D5185(m)	>2	<b>0</b>	---	---
Argent	ppm	ASTM D5185(m)	>2	<b>0</b>	---	---
Aluminium	ppm	ASTM D5185(m)	>20	<b>4</b>	---	---
Plomb	ppm	ASTM D5185(m)	>150	<b>0</b>	---	---
Cuivre	ppm	ASTM D5185(m)	>90	<b>&lt;1</b>	---	---
Étain	ppm	ASTM D5185(m)	>5	<b>0</b>	---	---
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	---	---

## CONTAMINATION

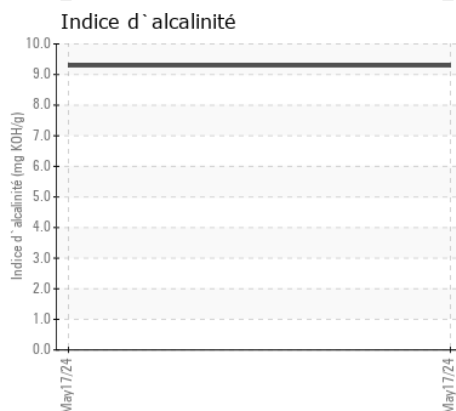
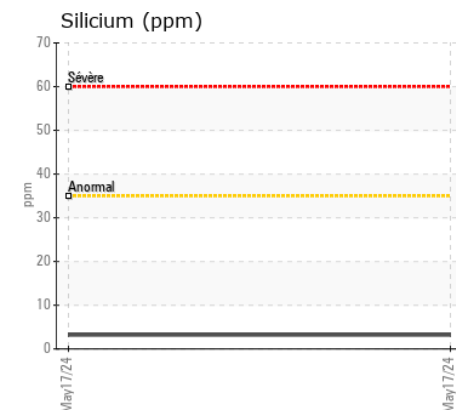
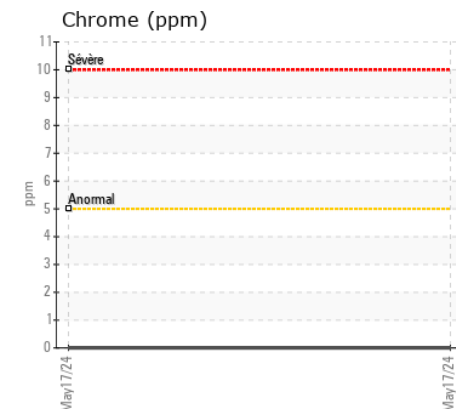
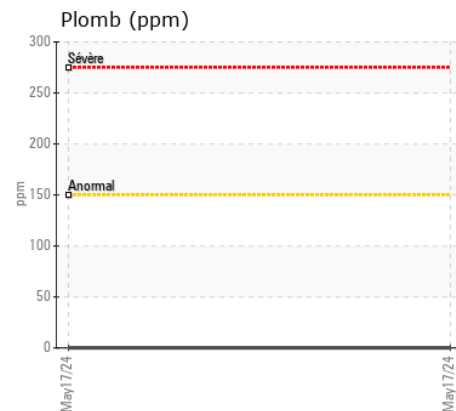
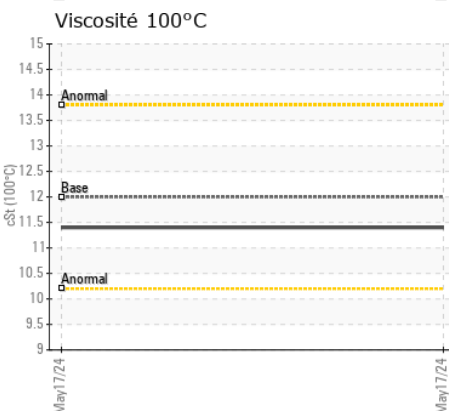
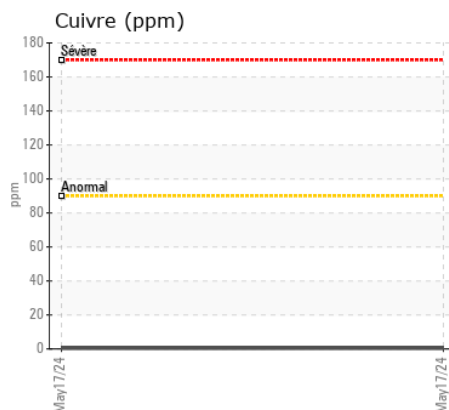
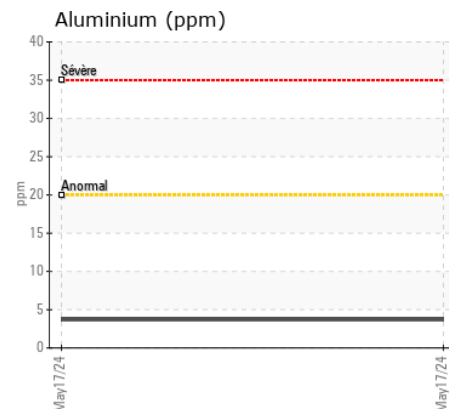
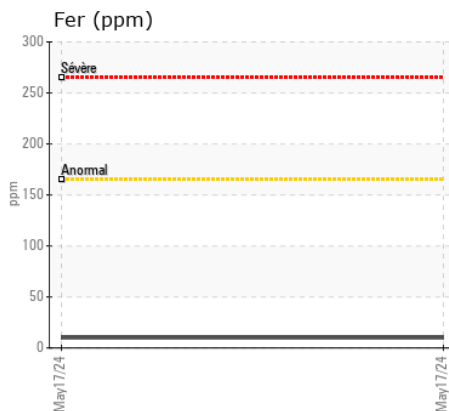
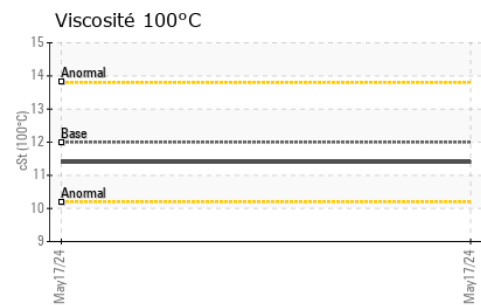
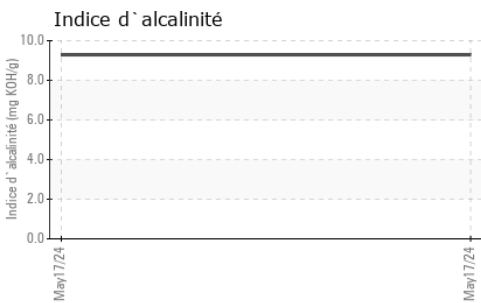
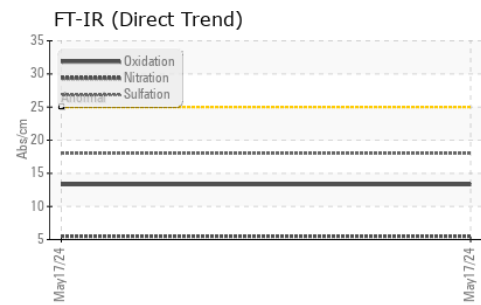
There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>35	<b>3</b>	---	---
Potassium	ppm	ASTM D5185(m)	>20	<b>&lt;1</b>	---	---
Essence		WC Method	>3.0	<b>&lt;1.0</b>	---	---
L'eau		WC Method	>0.2	<b>NEG</b>	---	---
Glycol		WC Method		<b>NEG</b>	---	---
% de suie	%	ASTM D7844*	>7.5	<b>0.2</b>	---	---
Nitration	Abs/cm	ASTM D7624*	>20	<b>5.5</b>	---	---
Sulfatation	Abs/.1mm	ASTM D7415*	>30	<b>18.0</b>	---	---
Eau émulsifiée	scalar	Visual*	>0.2	<b>NEG</b>	---	---

## ÉTAT DU FLUIDE

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)		<b>3</b>	---	---
Bore	ppm	ASTM D5185(m)	2	<b>6</b>	---	---
Baryum	ppm	ASTM D5185(m)	0	<b>0</b>	---	---
Molybdène	ppm	ASTM D5185(m)	50	<b>60</b>	---	---
Manganèse	ppm	ASTM D5185(m)	0	<b>0</b>	---	---
Magnésium	ppm	ASTM D5185(m)	950	<b>941</b>	---	---
Calcium	ppm	ASTM D5185(m)	1050	<b>1051</b>	---	---
Phosphore	ppm	ASTM D5185(m)	995	<b>987</b>	---	---
Zinc	ppm	ASTM D5185(m)	1180	<b>1156</b>	---	---
Soufre	ppm	ASTM D5185(m)	2600	<b>2566</b>	---	---
Oxydation	Abs/.1mm	ASTM D7414*	>25	<b>13.3</b>	---	---
Indice d'alcalinité	mg KOH/g	ASTM D2896*		<b>9.29</b>	---	---
Visc 100°C	cSt	ASTM D7279(m)	12.00	<b>11.4</b>	---	---



**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9

**N° d'échantillon** : WC0937997

**N° de laboratoire** : 02640436

**Numéro unique** : 5789598

**Analyse** : MOB 2

**Reçu** : 07 Jun 2024

**Tested** : 10 Jun 2024

**Diagnostiqué** : 10 Jun 2024 - Wes Davis

**Moncton - Transport Laberge**

180 Edinburg Drive, Suite 1A

Moncton, NB

CA E1E 2K7

Contact: Service Manager

Pour discuter ce rapport, contacter le service à la clientèle au 1-800-268-2131.

Test denoted (\*) outside scope of accreditation, (m) method modified, (e) tested at external lab.

La validez de los resultados y la interpretación se basan en la muestra y la información proporcionada.

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