



RAPPORT D'ANALYSE D'HUILE

USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL

Identité de la machine

51593

Composant

Moteur diesel

Fluide

PETRO CANADA DURON SHP 10W30 (40 LTR)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		WC0877566	---	---
Date d'échant.		Client Info		14 Nov 2023	---	---
Âge d la Machine	mls	Client Info		27963	---	---
Âge de l'huile	mls	Client Info		27963	---	---
Âge du filtre	mls	Client Info		27963	---	---
Huile changée		Client Info		Changed	---	---
Filtre changé		Client Info		Changed	---	---
Statut de l'échant.				NORMAL	---	---

USURE

Metal levels are typical for a components first oil change.

Fer	ppm	ASTM D5185(m)	>90	20	---	---
Chrome	ppm	ASTM D5185(m)	>20	1	---	---
Nickel	ppm	ASTM D5185(m)	>2	1	---	---
Titane	ppm	ASTM D5185(m)	>2	0	---	---
Argent	ppm	ASTM D5185(m)	>2	<1	---	---
Aluminium	ppm	ASTM D5185(m)	>20	6	---	---
Plomb	ppm	ASTM D5185(m)	>40	2	---	---
Cuivre	ppm	ASTM D5185(m)	>330	2	---	---
Étain	ppm	ASTM D5185(m)	>15	<1	---	---
Vanadium	ppm	ASTM D5185(m)		0	---	---

CONTAMINATION

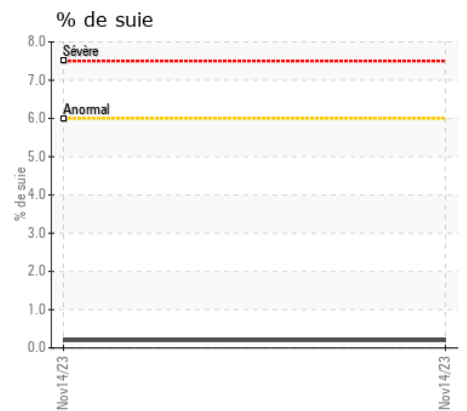
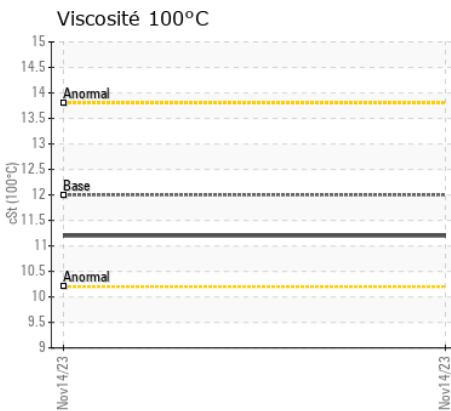
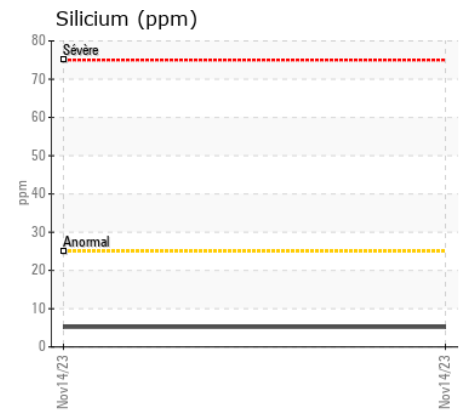
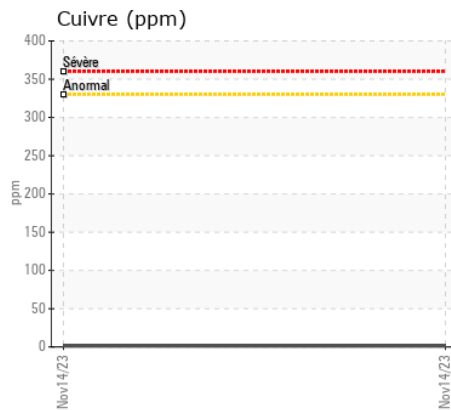
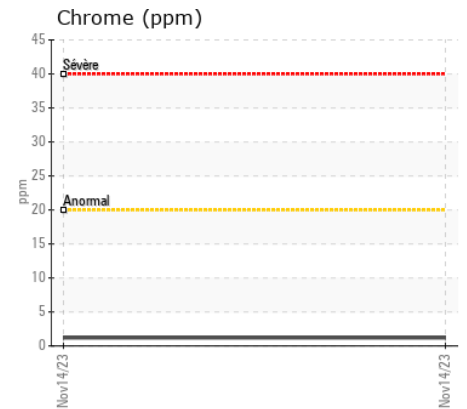
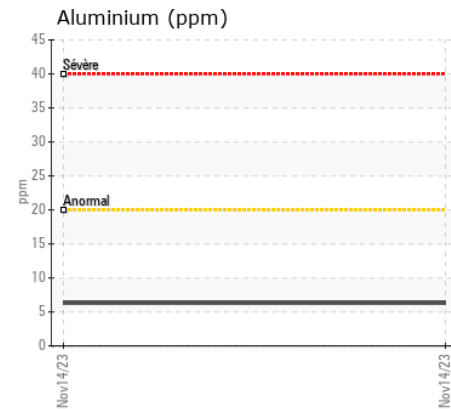
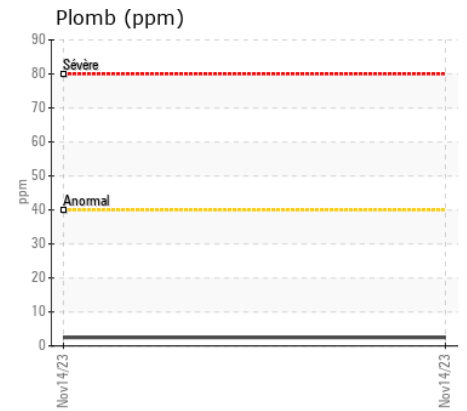
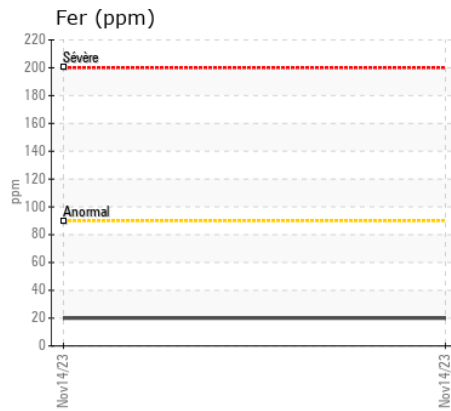
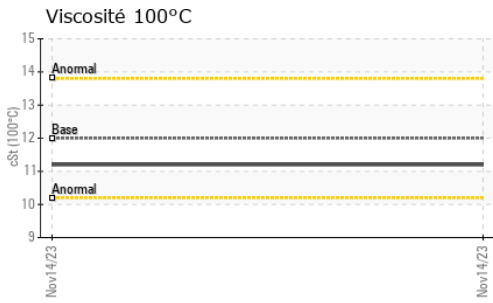
Elevated aluminum (Al) and/or lead (Pb) and potassium (K) levels in your metals analysis are likely a result of solder flux release into the lubricant and is common on new equipment/components. There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>25	5	---	---
Potassium	ppm	ASTM D5185(m)	>20	12	---	---
Essence		WC Method	>3.0	<1.0	---	---
L'eau		WC Method	>0.2	NEG	---	---
Glycol		WC Method		NEG	---	---
% de suie	%	ASTM D7844*	>6	0.2	---	---
Nitration	Abs/cm	ASTM D7624*	>20	8.3	---	---
Sulfatation	Abs/.1mm	ASTM D7415*	>30	20.2	---	---
Eau émulsifiée	scalar	Visual*	>0.2	NEG	---	---

ÉTAT DU FLUIDE

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

Sodium	ppm	ASTM D5185(m)		2	---	---
Bore	ppm	ASTM D5185(m)	2	2	---	---
Baryum	ppm	ASTM D5185(m)	0	0	---	---
Molybdène	ppm	ASTM D5185(m)	50	60	---	---
Manganèse	ppm	ASTM D5185(m)	0	0	---	---
Magnésium	ppm	ASTM D5185(m)	950	999	---	---
Calcium	ppm	ASTM D5185(m)	1050	1145	---	---
Phosphore	ppm	ASTM D5185(m)	995	1013	---	---
Zinc	ppm	ASTM D5185(m)	1180	1250	---	---
Soufre	ppm	ASTM D5185(m)	2600	2494	---	---
Oxydation	Abs/.1mm	ASTM D7414*	>25	16.1	---	---
Visc 100°C	cSt	ASTM D7279(m)	12.00	11.2	---	---



Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : WC0877566 **Reçu** : 24 Nov 2023
N° de laboratoire : 02598752 **Diagnostiqué** : 24 Nov 2023
Numéro unique : 5683832 **Diagnostiqueur** : Wes Davis
Analyse : MOB 1

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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.