



RAPPORT D'ANALYSE D'HUILE

USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL

Identité de la machine

52975

Composant

Moteur diesel

Fluide

PETRO CANADA DURON SHP 10W30 (40 LTR)

RECOMMENDATION

Confirm the source of the lubricant being utilized for top-up/fill.
Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		WC0877563	---	---
Date d'échant.		Client Info		27 Oct 2023	---	---
Âge d la Machine	kms	Client Info		52738	---	---
Âge de l'huile	kms	Client Info		0	---	---
Âge du filtre	kms	Client Info		0	---	---
Huile changée		Client Info		N/A	---	---
Filtre changé		Client Info		N/A	---	---
Statut de l'échant.				NORMAL	---	---

USURE

Metal levels are typical for a new component breaking in.

Fer	ppm	ASTM D5185(m)	>90	46	---	---
Chrome	ppm	ASTM D5185(m)	>20	3	---	---
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	29	---	---
Plomb	ppm	ASTM D5185(m)	>40	5	---	---
Cuivre	ppm	ASTM D5185(m)	>330	24	---	---
Étain	ppm	ASTM D5185(m)	>15	4	---	---
Vanadium	ppm	ASTM D5185(m)		0	---	---

CONTAMINATION

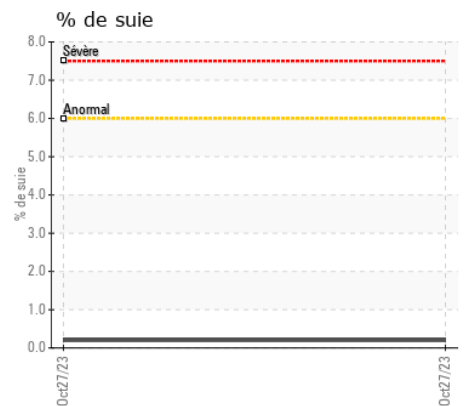
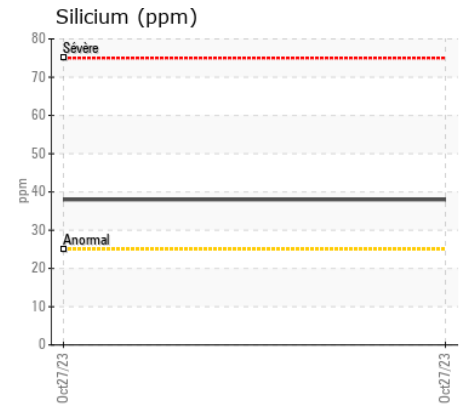
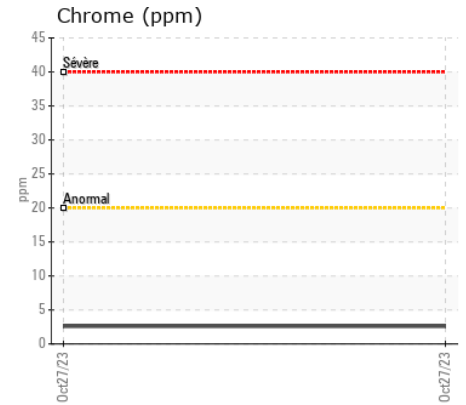
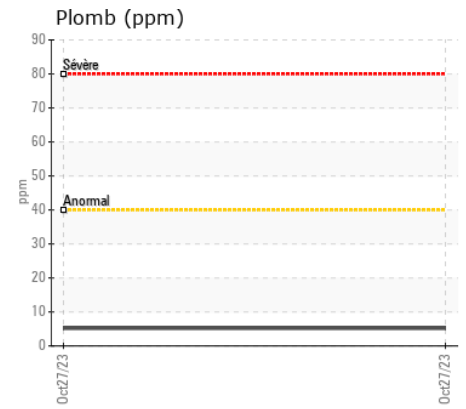
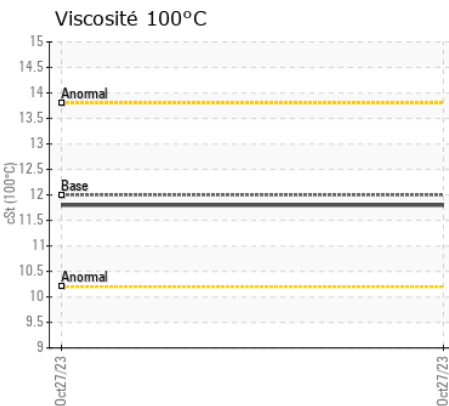
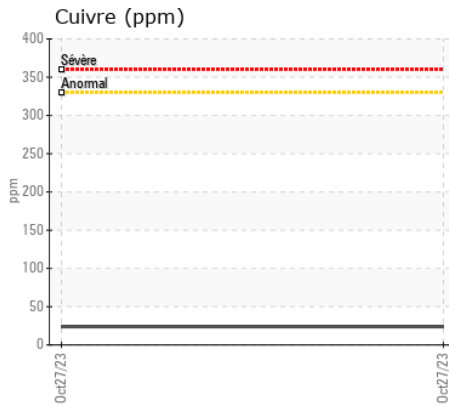
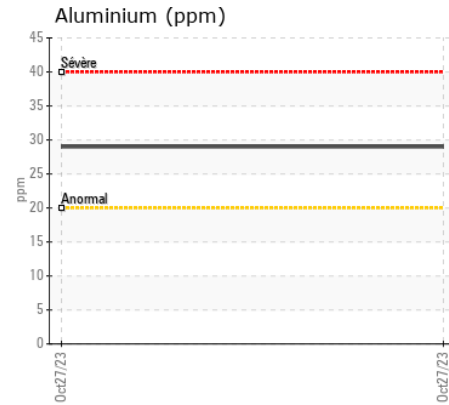
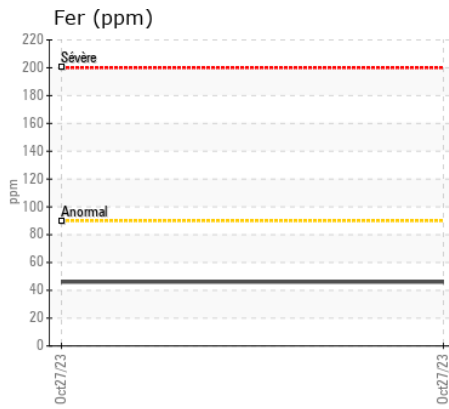
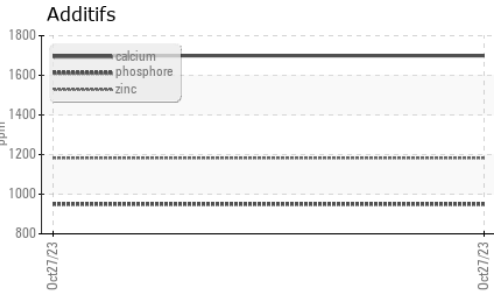
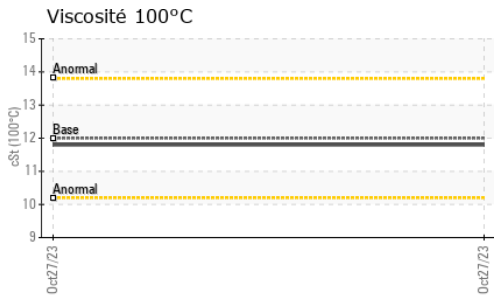
Elevated aluminum (Al) and/or lead (Pb) and potassium (K) levels in your metals analysis are likely a result of solder flux release into the lubricant and is common on new equipment/components. There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>25	38	---	---
Potassium	ppm	ASTM D5185(m)	>20	95	---	---
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	8.4	---	---
Sulfatation	Abs/.1mm	ASTM D7415*	>30	21.7	---	---
Eau émulsifiée	scalar	Visual*	>0.2	NEG	---	---

ÉTAT DU FLUIDE

Additive levels indicate the addition of a different brand, or type of oil.
The condition of the oil is acceptable for the time in service.

Sodium	ppm	ASTM D5185(m)		4	---	---
Bore	ppm	ASTM D5185(m)	2	41	---	---
Baryum	ppm	ASTM D5185(m)	0	4	---	---
Molybdène	ppm	ASTM D5185(m)	50	64	---	---
Manganèse	ppm	ASTM D5185(m)	0	4	---	---
Magnésium	ppm	ASTM D5185(m)	950	492	---	---
Calcium	ppm	ASTM D5185(m)	1050	1699	---	---
Phosphore	ppm	ASTM D5185(m)	995	950	---	---
Zinc	ppm	ASTM D5185(m)	1180	1183	---	---
Soufre	ppm	ASTM D5185(m)	2600	2388	---	---
Oxydation	Abs/.1mm	ASTM D7414*	>25	17.9	---	---
Visc 100°C	cSt	ASTM D7279(m)	12.00	11.8	---	---



Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : WC0877563 **Reçu** : 24 Nov 2023
N° de laboratoire : 02598680 **Diagnostiqué** : 24 Nov 2023
Numéro unique : 5683760 **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.