



RAPPORT D'ANALYSE D'HUILE

USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL

Identité de la machine

C-473

Composant

Moteur diesel

Fluid

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

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		WC0903678	---	---
Date d'échant.		Client Info		27 Feb 2024	---	---
Âge d la Machine	kms	Client Info		24316	---	---
Âge de l'huile	kms	Client Info		21496	---	---
Âge du filtre	kms	Client Info		21496	---	---
Huile changée		Client Info		Changed	---	---
Filtre changé		Client Info		Changed	---	---
Statut de l'échant.				NORMAL	---	---

USURE

Metal levels are typical for a new component breaking in.

Fer	ppm	ASTM D5185(m)	>100	72	---	---
Chrome	ppm	ASTM D5185(m)	>20	6	---	---
Nickel	ppm	ASTM D5185(m)	>4	<1	---	---
Titane	ppm	ASTM D5185(m)		0	---	---
Argent	ppm	ASTM D5185(m)	>3	<1	---	---
Aluminium	ppm	ASTM D5185(m)	>20	45	---	---
Plomb	ppm	ASTM D5185(m)	>40	4	---	---
Cuivre	ppm	ASTM D5185(m)	>330	189	---	---
Étain	ppm	ASTM D5185(m)	>15	3	---	---
Vanadium	ppm	ASTM D5185(m)		0	---	---

CONTAMINATION

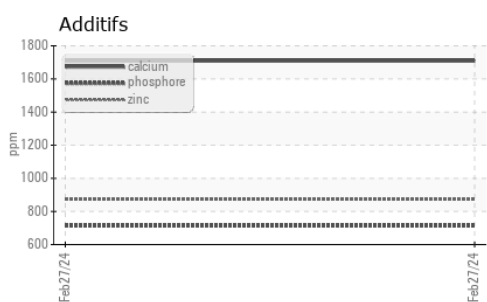
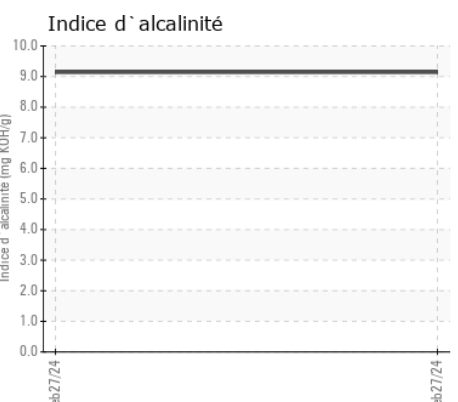
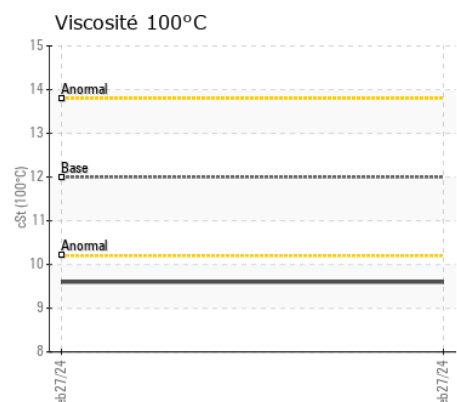
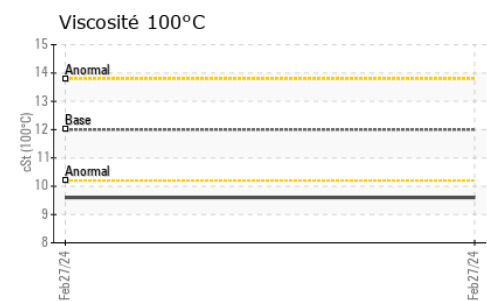
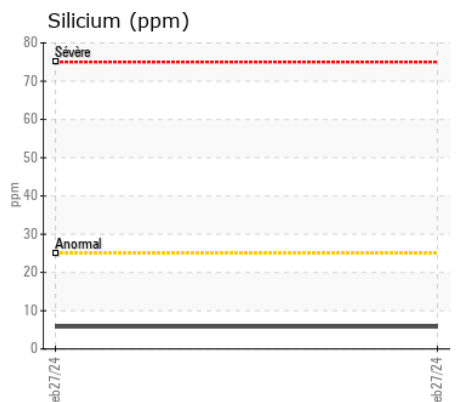
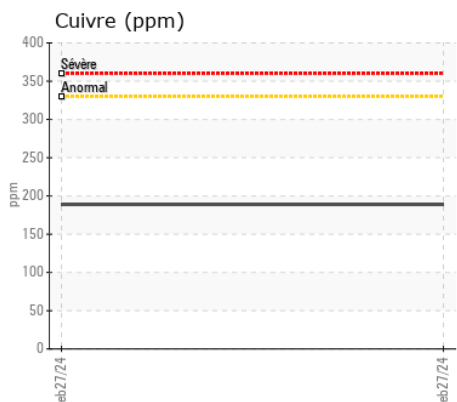
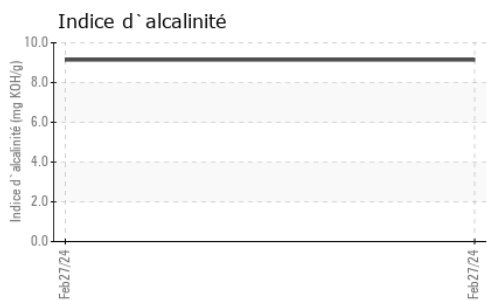
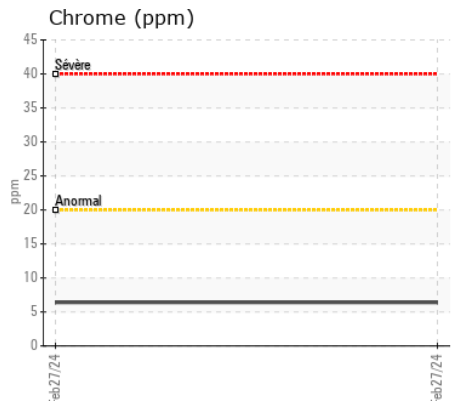
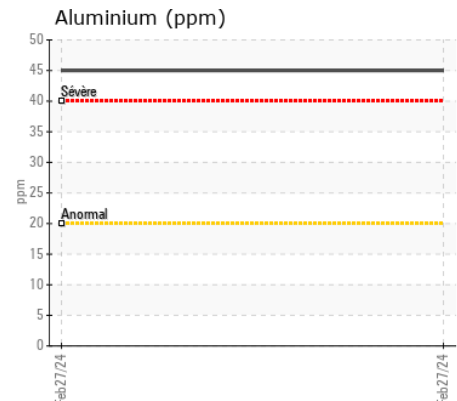
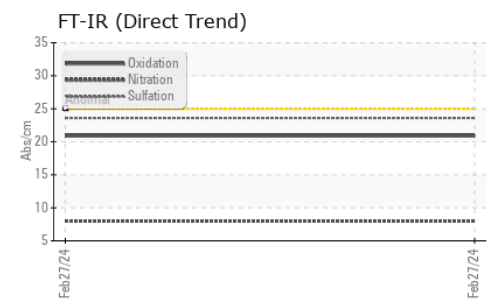
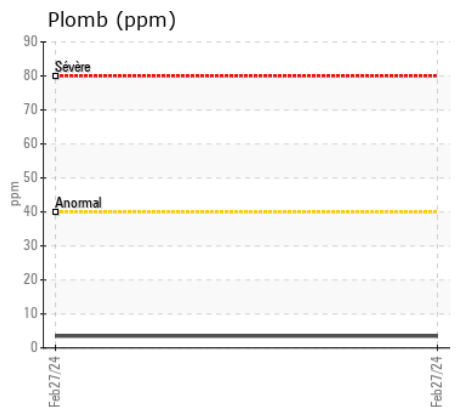
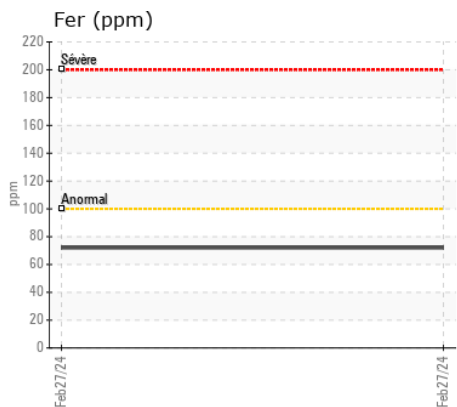
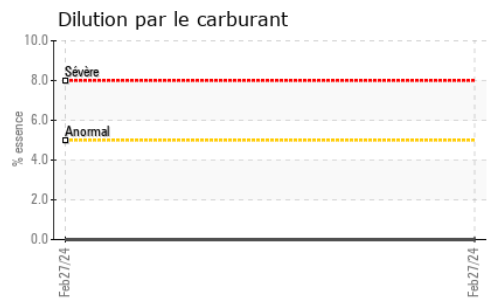
Elevated aluminum (Al) and/or lead (Pb) and potassium (K) levels in your metals analysis are likely a result of solder flux release into the lubricant and is common on new equipment/components. Tests indicate that there is no fuel present in the oil. There is no indication of any contamination in the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

Silicium	ppm	ASTM D5185(m)	>25	6	---	---
Potassium	ppm	ASTM D5185(m)	>20	134	---	---
Essence	%	ASTM D7593*	>5	0.0	---	---
L'eau		WC Method	>0.2	NEG	---	---
Glycol		WC Method		NEG	---	---
% de suie	%	ASTM D7844*	>3	0.2	---	---
Nitration	Abs/cm	ASTM D7624*	>20	8.0	---	---
Sulfatation	Abs/.1mm	ASTM D7415*	>30	23.6	---	---
Eau émulsifiée	scalar	Visual*	>0.2	NEG	---	---

ÉTAT DU FLUIDE

Additive levels indicate the addition of a different brand, or type of oil. 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)		5	---	---
Bore	ppm	ASTM D5185(m)	2	34	---	---
Baryum	ppm	ASTM D5185(m)	0	<1	---	---
Molybdène	ppm	ASTM D5185(m)	50	41	---	---
Manganèse	ppm	ASTM D5185(m)	0	4	---	---
Magnésium	ppm	ASTM D5185(m)	950	520	---	---
Calcium	ppm	ASTM D5185(m)	1050	1709	---	---
Phosphore	ppm	ASTM D5185(m)	995	713	---	---
Zinc	ppm	ASTM D5185(m)	1180	872	---	---
Soufre	ppm	ASTM D5185(m)	2600	1896	---	---
Oxydation	Abs/.1mm	ASTM D7414*	>25	20.9	---	---
Indice d'alcalinité	mg KOH/g	ASTM D2896*		9.14	---	---
Visc 100°C	cSt	ASTM D7279(m)	12.00	9.6	---	---



Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : WC0903678
N° de laboratoire : 02630452
Numéro unique : 5763584
Analyse : MOB 2 (Additional Tests: FuelDilution, PercentFuel)
Reçu : 22 Apr 2024
Tested : 23 Apr 2024
Diagnostiqué : 23 Apr 2024 - Kevin Marson

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.

T:
F: