



RAPPORT D'ANALYSE D'HUILE

USURE
CONTAMINATION
ÉTAT DU FLUIDE

SÉVÈRE
NORMAL
NORMAL

Secteur
{UNASSIGNED}

Identité de la machine

377

Composant

Moteur diesel

Fluid

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

RECOMMENDATION

The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		WC0879657	---	---
Date d'échant.		Client Info		04 Jan 2024	---	---
Âge d la Machine	kms	Client Info		760311	---	---
Âge de l'huile	kms	Client Info		17971	---	---
Âge du filtre	kms	Client Info		17971	---	---
Huile changée		Client Info		Changed	---	---
Filtre changé		Client Info		Changed	---	---
Statut de l'échant.				SEVERE	---	---

USURE

Aluminum ppm levels are severe. Piston wear is indicated.

Fer	ppm	ASTM D5185(m)	>100	97	---	---
Chrome	ppm	ASTM D5185(m)	>20	4	---	---
Nickel	ppm	ASTM D5185(m)	>4	<1	---	---
Titane	ppm	ASTM D5185(m)		0	---	---
Argent	ppm	ASTM D5185(m)	>3	0	---	---
Aluminium	ppm	ASTM D5185(m)	>20	47	---	---
Plomb	ppm	ASTM D5185(m)	>40	0	---	---
Cuivre	ppm	ASTM D5185(m)	>330	6	---	---
Étain	ppm	ASTM D5185(m)	>15	<1	---	---
Vanadium	ppm	ASTM D5185(m)		0	---	---

CONTAMINATION

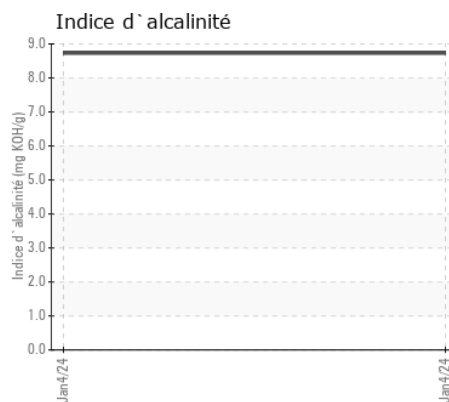
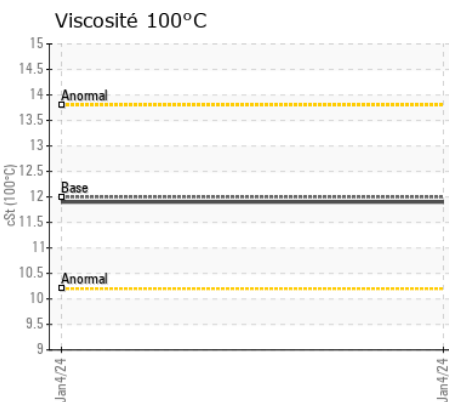
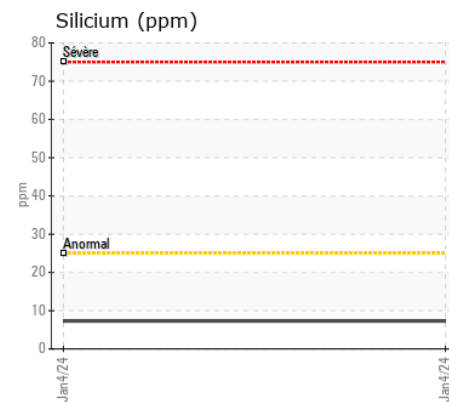
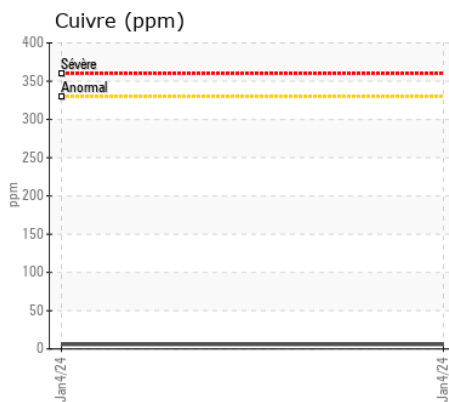
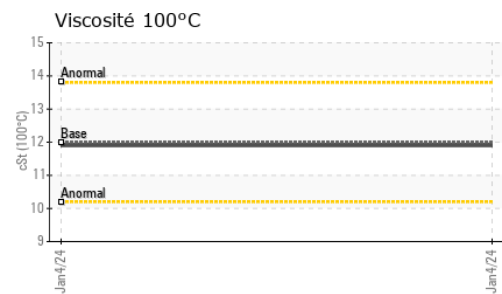
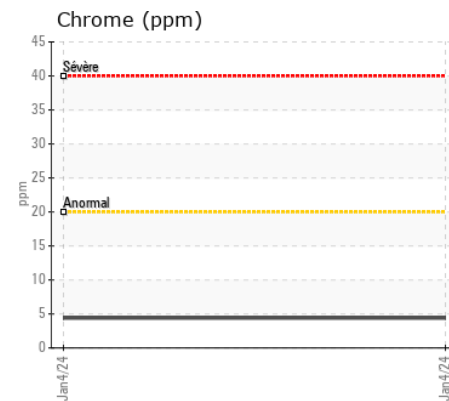
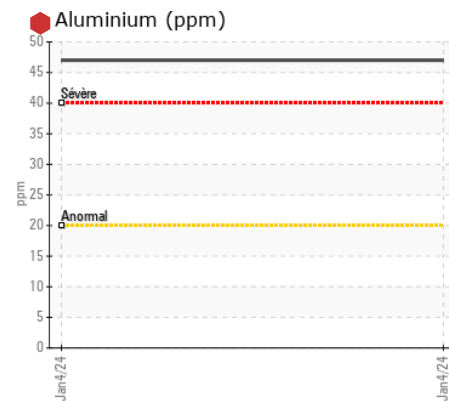
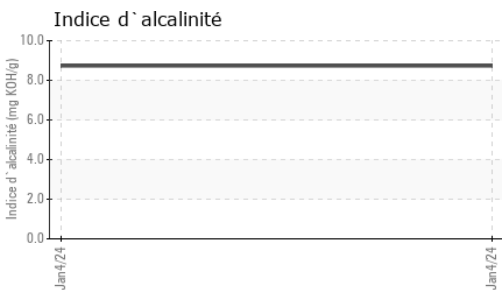
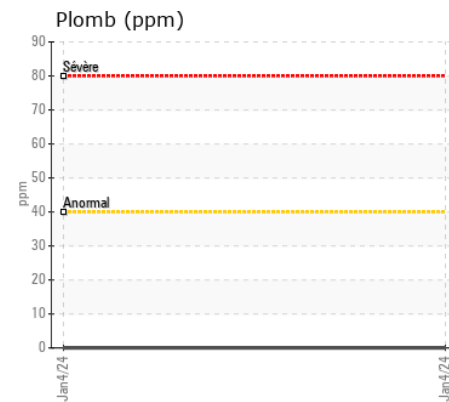
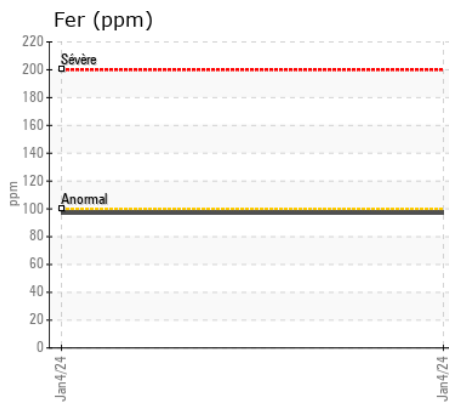
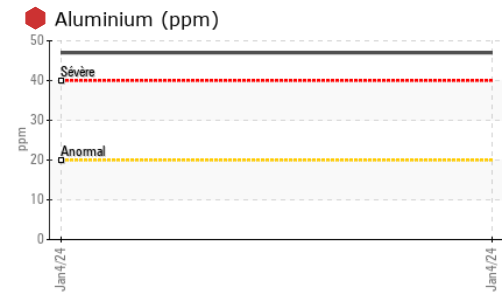
There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>25	7	---	---
Potassium	ppm	ASTM D5185(m)	>20	3	---	---
Essence		WC Method	>5	<1.0	---	---
L'eau		WC Method	>0.2	NEG	---	---
Glycol		WC Method		NEG	---	---
% de suie	%	ASTM D7844*	>3	0.6	---	---
Nitration	Abs/cm	ASTM D7624*	>20	11.2	---	---
Sulfatation	Abs/.1mm	ASTM D7415*	>30	22.6	---	---
Eau émulsifiée	scalar	Visual*	>0.2	NEG	---	---

ÉTAT DU FLUIDE

The BN result indicates that there is suitable alkalinity remaining in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Sodium	ppm	ASTM D5185(m)		35	---	---
Bore	ppm	ASTM D5185(m)	2	6	---	---
Baryum	ppm	ASTM D5185(m)	0	0	---	---
Molybdène	ppm	ASTM D5185(m)	50	64	---	---
Manganèse	ppm	ASTM D5185(m)	0	<1	---	---
Magnésium	ppm	ASTM D5185(m)	950	994	---	---
Calcium	ppm	ASTM D5185(m)	1050	1122	---	---
Phosphore	ppm	ASTM D5185(m)	995	1028	---	---
Zinc	ppm	ASTM D5185(m)	1180	1219	---	---
Soufre	ppm	ASTM D5185(m)	2600	2631	---	---
Oxydation	Abs/.1mm	ASTM D7414*	>25	19.7	---	---
Indice d'alcalinité	mg KOH/g	ASTM D2896*		8.73	---	---
Visc 100°C	cSt	ASTM D7279(m)	12.00	11.9	---	---



Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : WC0879657 **Reçu** : 22 Jan 2024
N° de laboratoire : 02610110 **Diagnostiqué** : 23 Jan 2024
Numéro unique : 5711196 **Diagnostiqueur** : Kevin Marson
Analyse : MOB 2

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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F: