



RAPPORT D'ANALYSE D'HUILE

USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL

Identité de la machine

261

Composant

Moteur diesel

Fluid

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		WC0879658	AP100272	---
Date d'échant.		Client Info		01 Nov 2023	15 Jan 2016	---
Âge d la Machine	kms	Client Info		894082	216070	---
Âge de l'huile	kms	Client Info		33529	0	---
Âge du filtre	kms	Client Info		33529	0	---
Huile changée		Client Info		Changed	N/A	---
Filtre changé		Client Info		Changed	N/A	---
Statut de l'échant.				NORMAL	NORMAL	---

USURE

All component wear rates are normal.

Fer	ppm	ASTM D5185(m)	>200	28	55	---
Chrome	ppm	ASTM D5185(m)	>20	1	3	---
Nickel	ppm	ASTM D5185(m)	>2	<1	1	---
Titane	ppm	ASTM D5185(m)	>2	0	0	---
Argent	ppm	ASTM D5185(m)	>2	<1	<1	---
Aluminium	ppm	ASTM D5185(m)	>30	6	14	---
Plomb	ppm	ASTM D5185(m)	>30	<1	<1	---
Cuivre	ppm	ASTM D5185(m)	>30	3	10	---
Étain	ppm	ASTM D5185(m)	>15	0	<1	---
Vanadium	ppm	ASTM D5185(m)		0	<1	---

CONTAMINATION

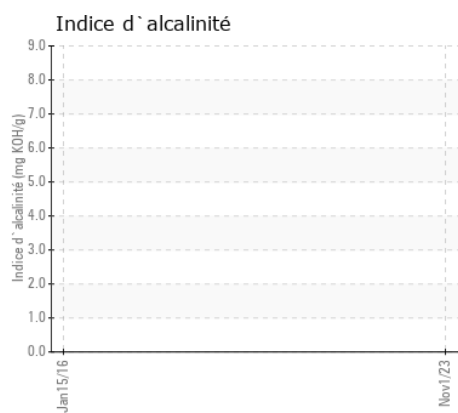
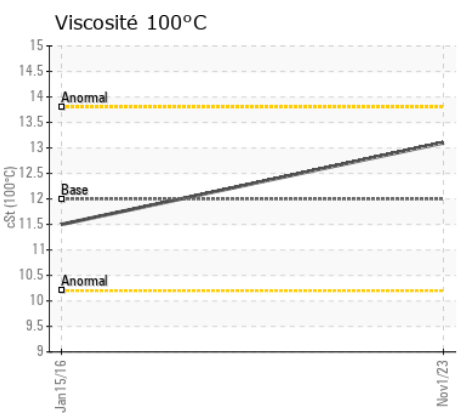
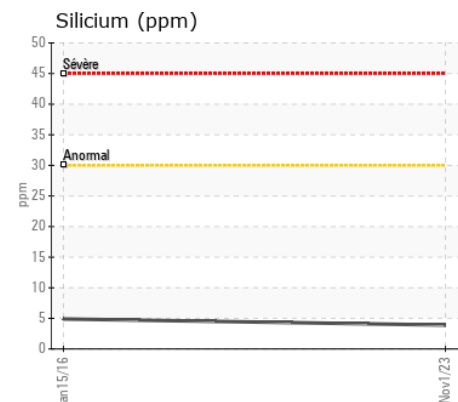
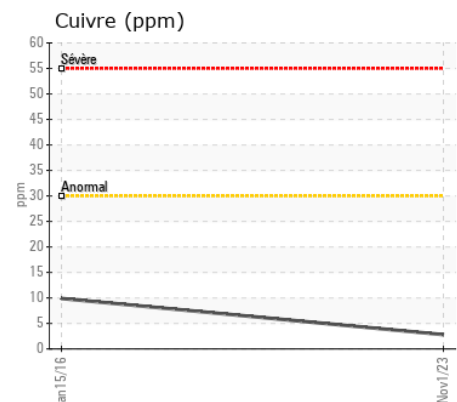
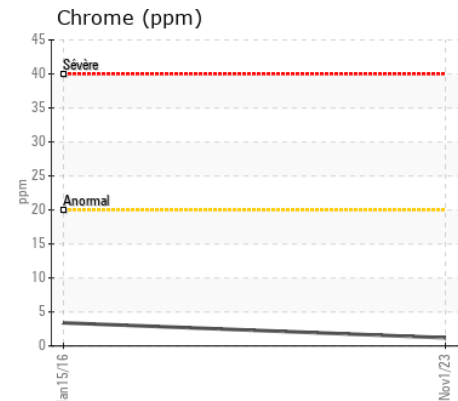
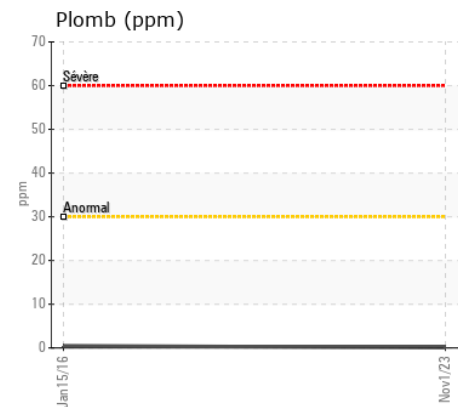
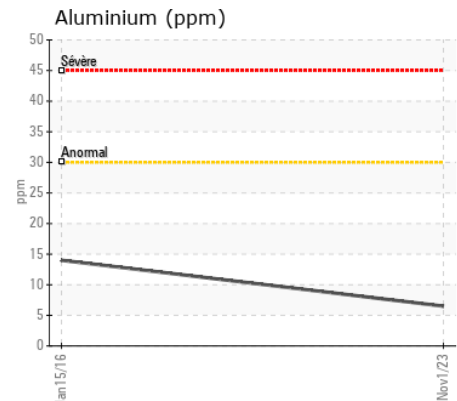
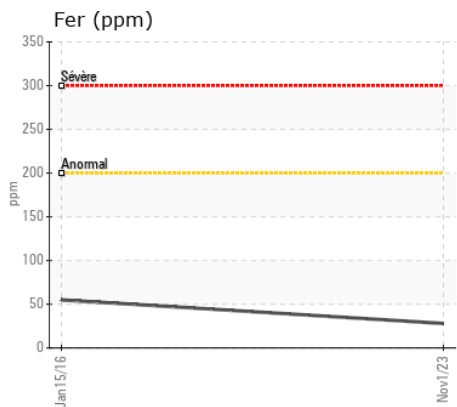
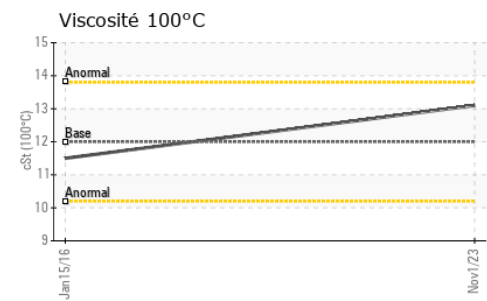
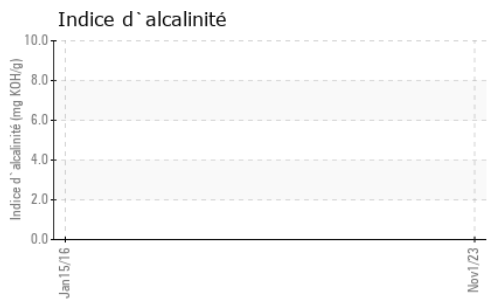
Elevated aluminum (Al) and/or lead (Pb) and potassium (K) levels in your metals analysis are likely a result of solder flux release into the lubricant and is common on new equipment/components. There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>30	4	5	---
Potassium	ppm	ASTM D5185(m)	>20	12	14	---
Essence		WC Method	>3.0	<1.0	<1.0	---
L'eau		WC Method	>0.2	NEG	NEG	---
Glycol		WC Method		NEG	0.0	---
% de suie	%	ASTM D7844*	>3	0.6	0.6	---
Nitration	Abs/cm	ASTM D7624*	>20	13.6	11.2	---
Sulfatation	Abs/.1mm	ASTM D7415*	>30	29.2	25.5	---
Eau émulsifiée	scalar	Visual*	>0.2	NEG	NEG	---

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)		3	6	---
Bore	ppm	ASTM D5185(m)	2	12	2	---
Baryum	ppm	ASTM D5185(m)	0	0	0	---
Molybdène	ppm	ASTM D5185(m)	50	62	40	---
Manganèse	ppm	ASTM D5185(m)	0	0	<1	---
Magnésium	ppm	ASTM D5185(m)	950	975	803	---
Calcium	ppm	ASTM D5185(m)	1050	1445	1476	---
Phosphore	ppm	ASTM D5185(m)	995	1183	1076	---
Zinc	ppm	ASTM D5185(m)	1180	1391	1354	---
Soufre	ppm	ASTM D5185(m)	2600	2847	2541	---
Oxydation	Abs/.1mm	ASTM D7414*	>25	27.9	20.1	---
Indice d'alcalinité	mg KOH/g	ASTM D2896*		8.52	---	---
Visc 100°C	cSt	ASTM D7279(m)	12.00	13.1	11.5	---



Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : WC0879658
N° de laboratoire : 02621291
Numéro unique : 5746410
Analyse : MOB 2
Reçu : 12 Mar 2024
Tested : 13 Mar 2024
Diagnostiqué : 13 Mar 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.

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F: