



USURE	<b>NORMAL</b>
CONTAMINATION	<b>NORMAL</b>
ÉTAT DU FLUIDE	<b>NORMAL</b>

Identité de la machine

**INTERNATIONAL 1067**

Composant

**Moteur diesel**

Fluid

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

**RECOMMANDATION**

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		<b>PC0072185</b>	PC0075395	PC0067692
Date d'échant.		Client Info		<b>07 Nov 2023</b>	12 Jul 2023	13 Mar 2023
Âge d la Machine	kms	Client Info		<b>227222</b>	171684	124820
Âge de l'huile	kms	Client Info		<b>68058</b>	12520	49249
Âge du filtre	kms	Client Info		<b>68058</b>	12520	49249
Huile changée		Client Info		<b>Not Chngd</b>	Not Chngd	Not Chngd
Filtre changé		Client Info		<b>Not Chngd</b>	Not Chngd	Not Chngd
Statut de l'échant.				<b>NORMAL</b>	NORMAL	NORMAL

**USURE**

Les taux d'usure de tous les composants sont normaux.

Fer	ppm	ASTM D5185(m)	>100	<b>25</b>	70	41
Chrome	ppm	ASTM D5185(m)	>20	<b>&lt;1</b>	2	<1
Nickel	ppm	ASTM D5185(m)	>4	<b>&lt;1</b>	<1	<1
Titane	ppm	ASTM D5185(m)		<b>0</b>	<1	<1
Argent	ppm	ASTM D5185(m)	>3	<b>0</b>	0	0
Aluminium	ppm	ASTM D5185(m)	>20	<b>27</b>	23	18
Plomb	ppm	ASTM D5185(m)	>40	<b>&lt;1</b>	0	0
Cuivre	ppm	ASTM D5185(m)	>330	<b>1</b>	3	2
Étain	ppm	ASTM D5185(m)	>15	<b>&lt;1</b>	<1	<1
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	0

**CONTAMINATION**

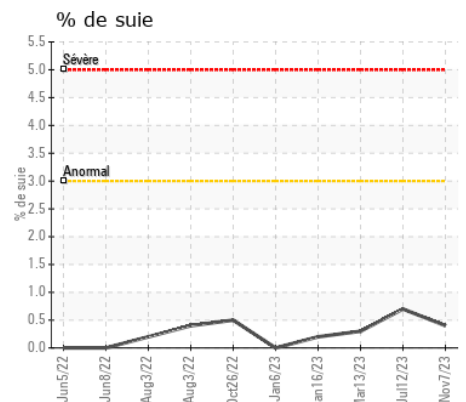
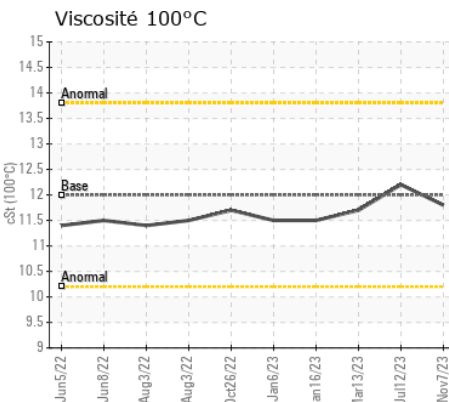
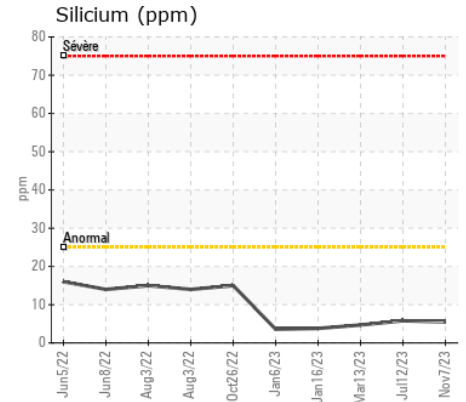
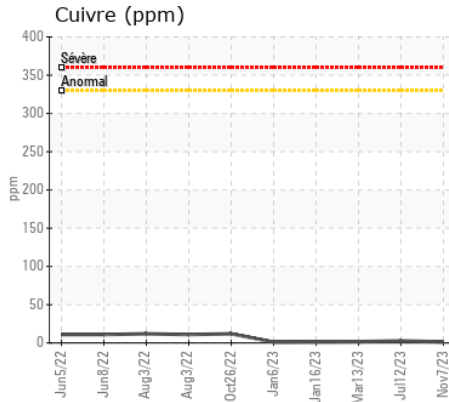
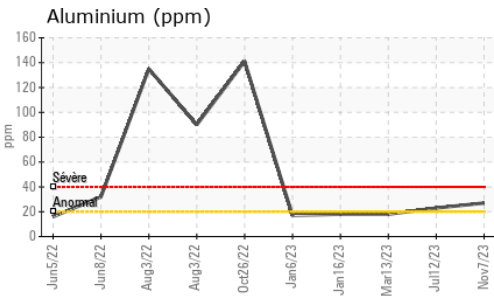
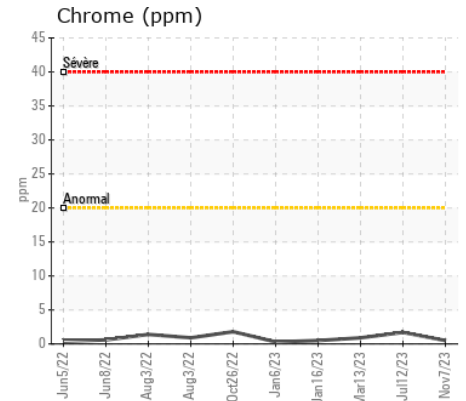
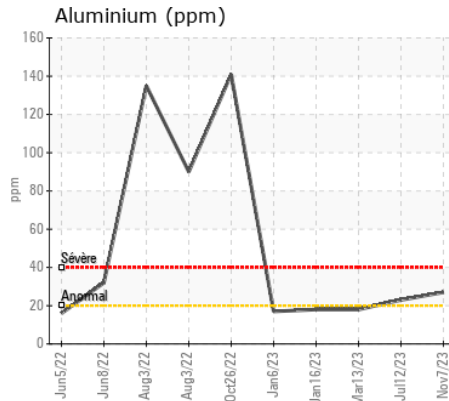
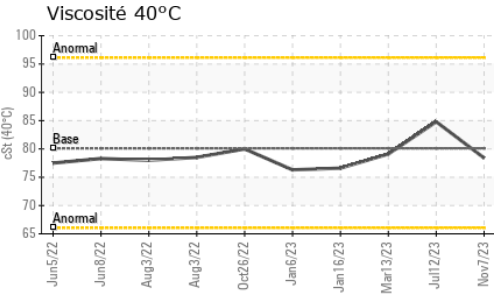
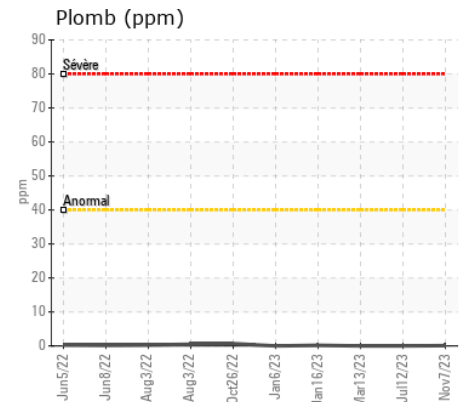
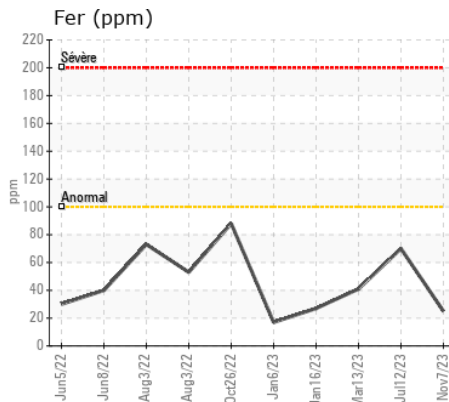
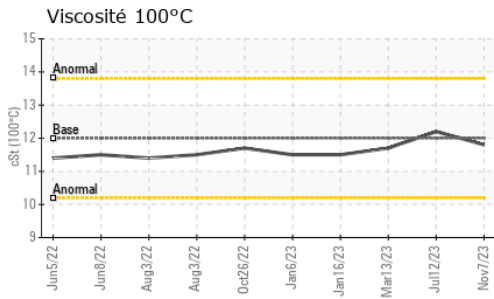
Elevated aluminum (Al) and/or lead (Pb) and potassium (K) levels in your metals analysis are likely a result of solder flux release into the lubricant and is common on new equipment/components. Il n'y a aucun indice de contamination dans l'huile.

Silicium	ppm	ASTM D5185(m)	>25	<b>6</b>	6	5
Potassium	ppm	ASTM D5185(m)	>20	<b>44</b>	33	26
Essence		WC Method	>2.0	<b>&lt;1.0</b>	<1.0	<1.0
L'eau		WC Method	>0.2	<b>NEG</b>	NEG	NEG
Glycol		WC Method		<b>NEG</b>	NEG	NEG
% de suie	%	ASTM D7844*	>3	<b>0.4</b>	0.7	0.3
Nitration	Abs/cm	ASTM D7624*	>20	<b>10.6</b>	14.6	12.3
Sulfatation	Abs/.1mm	ASTM D7415*	>30	<b>21.2</b>	27.9	23.6
Eau émulsifiée	scalar	Visual*	>0.2	<b>NEG</b>	NEG	NEG

**ÉTAT DU FLUIDE**

L'état de l'huile est acceptable pour la durée de service.

Sodium	ppm	ASTM D5185(m)		<b>2</b>	3	2
Bore	ppm	ASTM D5185(m)	2	<b>1</b>	3	3
Baryum	ppm	ASTM D5185(m)	0	<b>0</b>	<1	0
Molybdène	ppm	ASTM D5185(m)	50	<b>63</b>	68	63
Manganèse	ppm	ASTM D5185(m)	0	<b>0</b>	1	<1
Magnésium	ppm	ASTM D5185(m)	950	<b>1016</b>	1108	1021
Calcium	ppm	ASTM D5185(m)	1050	<b>1139</b>	1229	1201
Phosphore	ppm	ASTM D5185(m)	995	<b>1079</b>	1155	1089
Zinc	ppm	ASTM D5185(m)	1180	<b>1258</b>	1371	1248
Soufre	ppm	ASTM D5185(m)	2600	<b>2717</b>	2539	2599
Oxydation	Abs/.1mm	ASTM D7414*	>25	<b>17.7</b>	25.6	21.1
Visc 40°C	cSt	ASTM D7279(m)	80.1	<b>78.4</b>	84.8	79.1
Visc 100°C	cSt	ASTM D7279(m)	12.00	<b>11.8</b>	12.2	11.7
Indice de viscosité (VI)	Scale	ASTM D2270*	144	<b>144</b>	138	141



ISO 17025:2017  
Accredited  
Laboratory

**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**N° d'échantillon** : PC0072185 **Reçu** : 12 Jan 2024  
**N° de laboratoire** : 02608380 **Diagnostiqué** : 15 Jan 2024  
**Numéro unique** : 5709466 **Diagnostiqueur** : Wes Davis  
**Analyse** : MOB 1 ( Additional Tests: KV40, VI )

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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