



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



Identité de la machine

**701106**

Composant

**Moteur diesel**

Fluide

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

**RECOMMANDATION**

Confirm the source of the lubricant being utilized for top-up/fill.  
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>PC0081911</b>	PC0071817	PC0067448
Date d'échant.		Client Info		<b>30 Nov 2023</b>	12 Jun 2023	13 Mar 2023
Âge d la Machine	kms	Client Info		<b>296367</b>	285931	277779
Âge de l'huile	kms	Client Info		<b>0</b>	0	0
Âge du filtre	kms	Client Info		<b>0</b>	0	0
Huile changée		Client Info		<b>Changed</b>	Changed	Changed
Filtre changé		Client Info		<b>Changed</b>	Changed	Changed
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)	>75	<b>12</b>	23	7
Chrome	ppm	ASTM D5185(m)	>5	<b>0</b>	<1	0
Nickel	ppm	ASTM D5185(m)	>4	<b>&lt;1</b>	<1	<1
Titane	ppm	ASTM D5185(m)	>2	<b>0</b>	0	0
Argent	ppm	ASTM D5185(m)	>2	<b>&lt;1</b>	0	0
Aluminium	ppm	ASTM D5185(m)	>15	<b>1</b>	2	2
Plomb	ppm	ASTM D5185(m)	>25	<b>0</b>	<1	0
Cuivre	ppm	ASTM D5185(m)	>100	<b>&lt;1</b>	<1	<1
Étain	ppm	ASTM D5185(m)	>4	<b>0</b>	0	0
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	0
Métal blanc	scalar	Visual*	NONE	<b>NONE</b>	---	---
Bronze	scalar	Visual*	NONE	<b>NONE</b>	---	---

**CONTAMINATION**

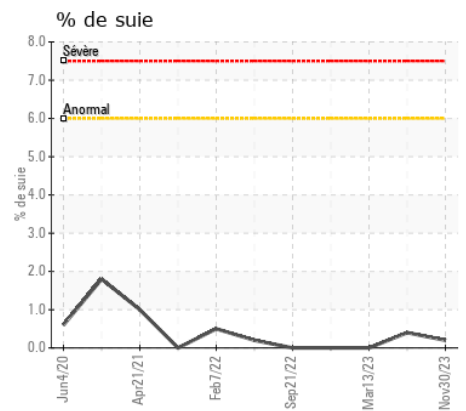
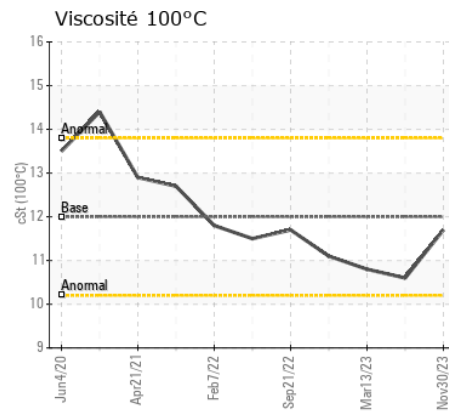
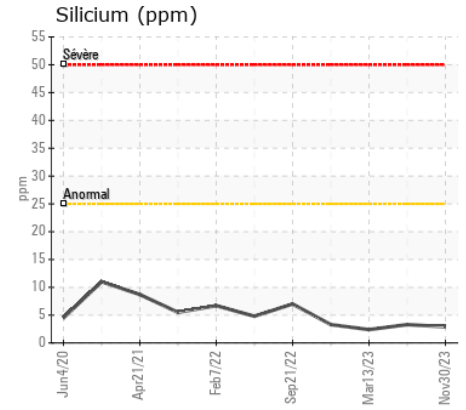
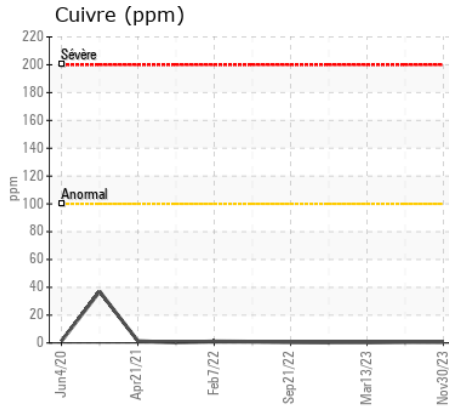
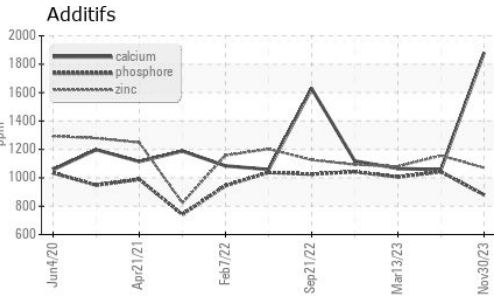
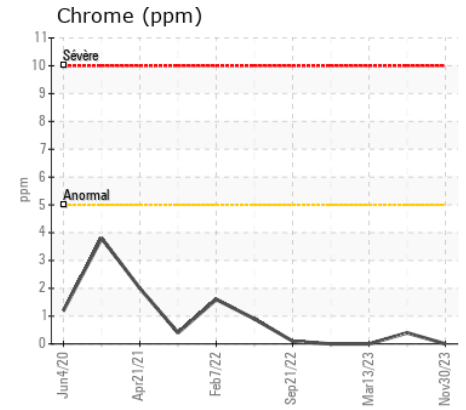
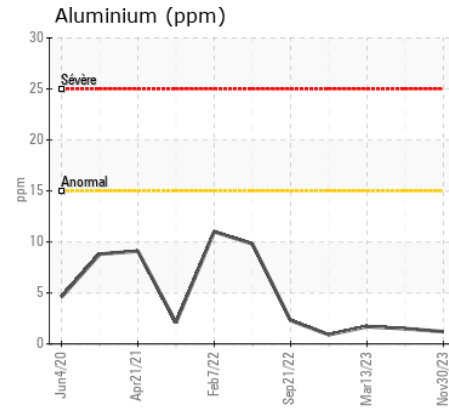
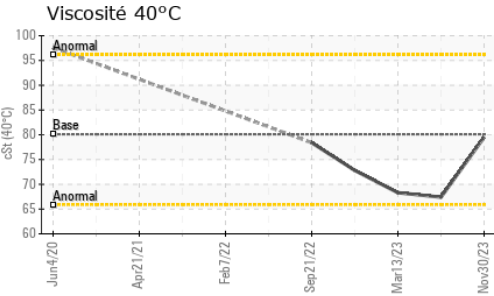
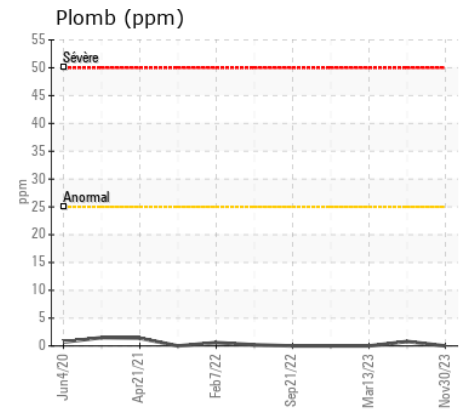
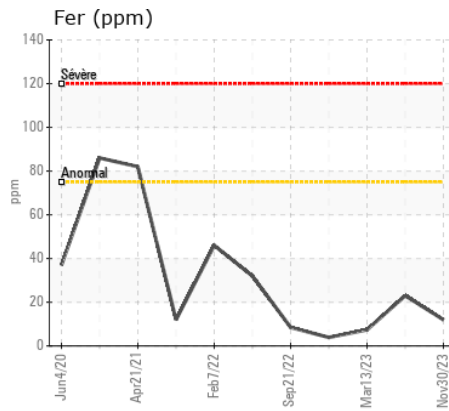
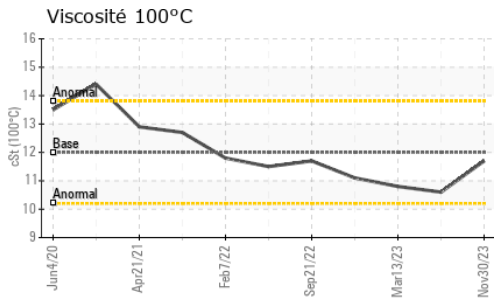
Il n'y a aucun indice de contamination dans l'huile.

Silicium	ppm	ASTM D5185(m)	>25	<b>3</b>	3	2
Potassium	ppm	ASTM D5185(m)	>20	<b>2</b>	2	2
Essence		WC Method	>3.0	<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*	>6	<b>0.2</b>	0.4	0
Nitration	Abs/cm	ASTM D7624*	>20	<b>8.2</b>	9.7	6.7
Sulfatation	Abs/.1mm	ASTM D7415*	>30	<b>20.6</b>	21.3	19.8
Limon	scalar	Visual*	NONE	<b>NONE</b>	---	---
Débris	scalar	Visual*	NONE	<b>NONE</b>	---	---
Saleté	scalar	Visual*	NONE	<b>NONE</b>	---	---
Apparence	scalar	Visual*	NORML	<b>NORML</b>	---	---
Odeur	scalar	Visual*	NORML	<b>NORML</b>	NORML	NORML
Eau émulsifiée	scalar	Visual*	>0.2	<b>NEG</b>	NEG	NEG

**ÉTAT DU FLUIDE**

Les niveaux d'additifs indiquent l'ajout d'une autre marque ou d'un autre type d'huile. L'état de l'huile est acceptable pour la durée de service.

Sodium	ppm	ASTM D5185(m)		<b>2</b>	3	3
Bore	ppm	ASTM D5185(m)	2	<b>27</b>	8	31
Baryum	ppm	ASTM D5185(m)	0	<b>&lt;1</b>	0	0
Molybdène	ppm	ASTM D5185(m)	50	<b>26</b>	59	60
Manganèse	ppm	ASTM D5185(m)	0	<b>0</b>	<1	<1
Magnésium	ppm	ASTM D5185(m)	950	<b>215</b>	904	843
Calcium	ppm	ASTM D5185(m)	1050	<b>1880</b>	1058	1065
Phosphore	ppm	ASTM D5185(m)	995	<b>880</b>	1042	1005
Zinc	ppm	ASTM D5185(m)	1180	<b>1070</b>	1156	1080
Soufre	ppm	ASTM D5185(m)	2600	<b>2668</b>	2478	2564
Oxydation	Abs/.1mm	ASTM D7414*	>25	<b>14.7</b>	17.9	12.9
Visc 40°C	cSt	ASTM D7279(m)	80.1	<b>79.5</b>	67.4	68.3
Visc 100°C	cSt	ASTM D7279(m)	12.00	<b>11.7</b>	10.6	10.8
Indice de viscosité (VI)	Scale	ASTM D2270*	144	<b>140</b>	145	148



**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 GFL Environmental - 737 - Quebec City Hauling  
**N° d'échantillon** : PC0081911 **Reçu** : 05 Dec 2023  
**N° de laboratoire** : 02600818 **Diagnostiqué** : 05 Dec 2023  
**Numéro unique** : 5685898 **Diagnostiqueur** : Wes Davis  
**Analyse** : MOB 1 ( Additional Tests: KV40, VI, Visual )

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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