



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

Identité de la machine

**INTERNATIONAL 3857**

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>PC0082515</b>	PC0072366	PC0065868
Date d'échant.		Client Info		<b>04 Jun 2024</b>	05 Jul 2023	20 Jan 2023
Âge d la Machine	kms	Client Info		<b>196475</b>	176464	162207
Âge de l'huile	kms	Client Info		<b>48491</b>	13725	14223
Âge du filtre	kms	Client Info		<b>48491</b>	13725	14223
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)	>100	<b>13</b>	10	10
Chrome	ppm	ASTM D5185(m)	>20	<b>&lt;1</b>	<1	<1
Nickel	ppm	ASTM D5185(m)	>4	<b>0</b>	0	0
Titane	ppm	ASTM D5185(m)		<b>0</b>	0	<1
Argent	ppm	ASTM D5185(m)	>3	<b>0</b>	<1	0
Aluminium	ppm	ASTM D5185(m)	>20	<b>2</b>	2	2
Plomb	ppm	ASTM D5185(m)	>40	<b>1</b>	2	1
Cuivre	ppm	ASTM D5185(m)	>330	<b>&lt;1</b>	<1	1
Étain	ppm	ASTM D5185(m)	>15	<b>0</b>	<1	<1
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	0

**CONTAMINATION**

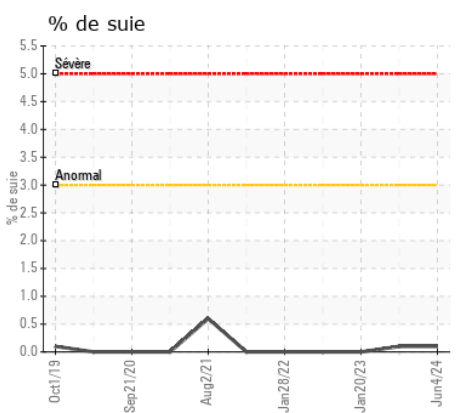
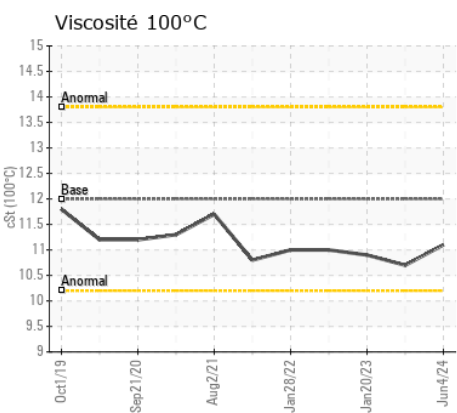
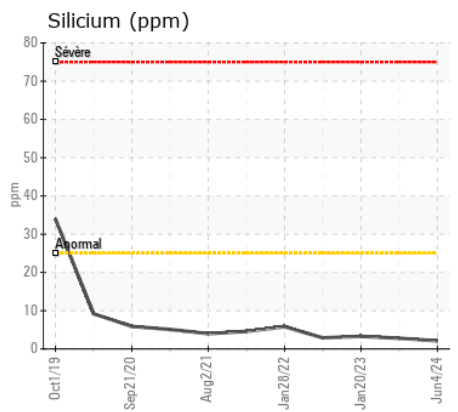
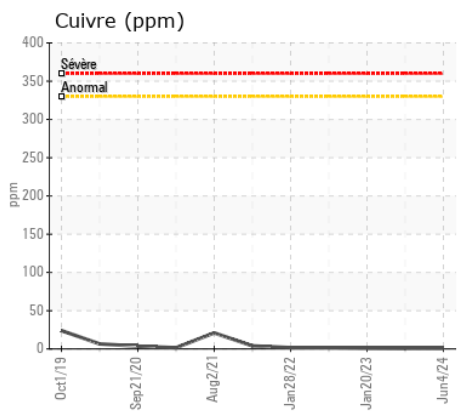
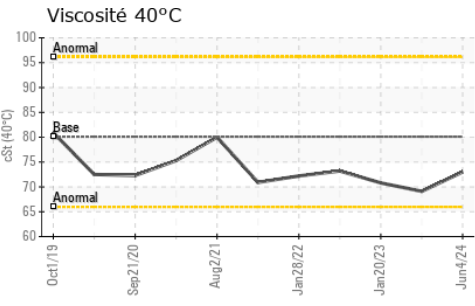
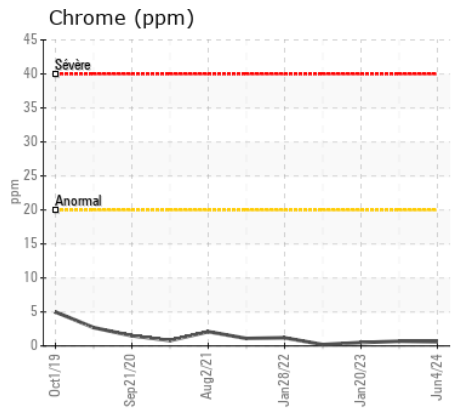
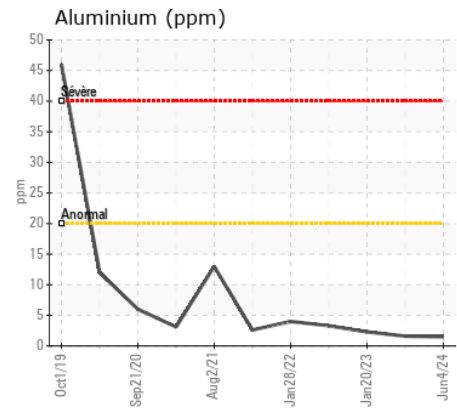
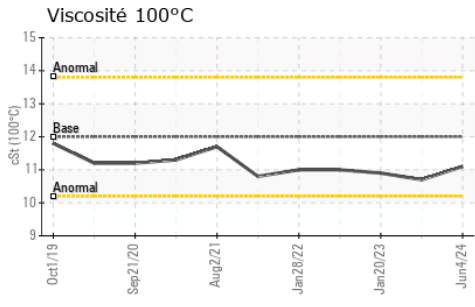
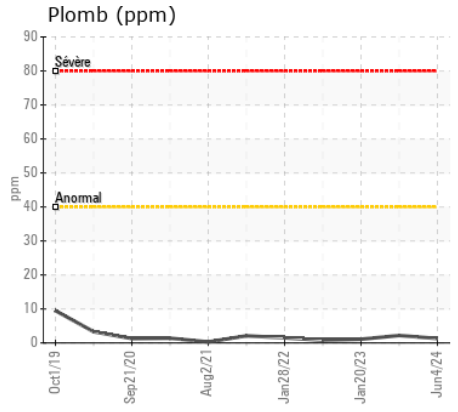
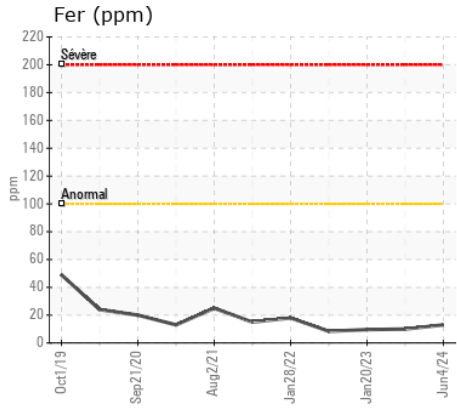
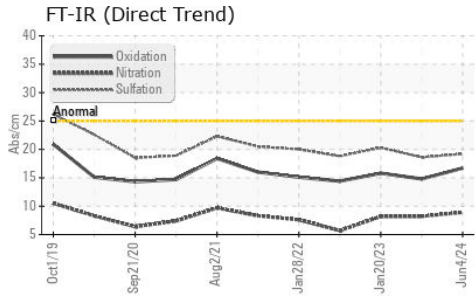
Il n'y a aucun indice de contamination dans l'huile.

Silicium	ppm	ASTM D5185(m)	>25	<b>2</b>	3	3
Potassium	ppm	ASTM D5185(m)	>20	<b>2</b>	2	3
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>0.1</b>	0.1	0
Nitration	Abs/cm	ASTM D7624*	>20	<b>8.9</b>	8.2	8.2
Sulfatation	Abs/.1mm	ASTM D7415*	>30	<b>19.2</b>	18.6	20.3
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>1</b>	2	1
Bore	ppm	ASTM D5185(m)	2	<b>2</b>	3	2
Baryum	ppm	ASTM D5185(m)	0	<b>0</b>	<1	0
Molybdène	ppm	ASTM D5185(m)	50	<b>58</b>	58	59
Manganèse	ppm	ASTM D5185(m)	0	<b>&lt;1</b>	0	<1
Magnésium	ppm	ASTM D5185(m)	950	<b>976</b>	948	972
Calcium	ppm	ASTM D5185(m)	1050	<b>1050</b>	1035	1103
Phosphore	ppm	ASTM D5185(m)	995	<b>997</b>	1001	1079
Zinc	ppm	ASTM D5185(m)	1180	<b>1199</b>	1165	1205
Soufre	ppm	ASTM D5185(m)	2600	<b>2511</b>	2518	2651
Oxydation	Abs/.1mm	ASTM D7414*	>25	<b>16.7</b>	14.8	15.8
Visc 40°C	cSt	ASTM D7279(m)	80.1	<b>73.0</b>	69.1	70.8
Visc 100°C	cSt	ASTM D7279(m)	12.00	<b>11.1</b>	10.7	10.9
Indice de viscosité (VI)	Scale	ASTM D2270*	144	<b>142</b>	143	143



**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**N° d'échantillon** : PC0082515 **Reçu** : 11 Jun 2024  
**N° de laboratoire** : **02641067** **Tested** : 11 Jun 2024  
**Numéro unique** : 5798606 **Diagnostiqué** : 11 Jun 2024 - Wes Davis  
**Analyse** : MOB 1 ( Additional Tests: KV40, VI )

**LOCATION BROSSARD INC**  
 2190 HYMUS  
 DORVAL, QC  
 CA H9P 1J7  
 Contact: Shawn Lamoureux  
 slamoureux@brossard.com

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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