



Identité de la machine

**801226**

Composant

**Moteur diesel**

Fluide

**PETRO CANADA DURON SHP 15W40 (--- 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>PC0077668</b>	PC0035176	PC0050331
Date d'échant.		Client Info		<b>02 Oct 2023</b>	26 Apr 2023	28 Sep 2022
Âge d la Machine	hrs	Client Info		<b>17465</b>	16792	16003
Âge de l'huile	hrs	Client Info		<b>0</b>	0	0
Âge du filtre	hrs	Client Info		<b>0</b>	0	0
Huile changée		Client Info		<b>Changed</b>	Changed	Changed
Filtre changé		Client Info		<b>N/A</b>	N/A	N/A
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)	>80	<b>39</b>	32	36
Chrome	ppm	ASTM D5185(m)	>5	<b>1</b>	1	1
Nickel	ppm	ASTM D5185(m)	>2	<b>0</b>	<1	0
Titane	ppm	ASTM D5185(m)		<b>0</b>	<1	<1
Argent	ppm	ASTM D5185(m)	>3	<b>&lt;1</b>	0	0
Aluminium	ppm	ASTM D5185(m)	>30	<b>5</b>	4	4
Plomb	ppm	ASTM D5185(m)	>30	<b>&lt;1</b>	<1	1
Cuivre	ppm	ASTM D5185(m)	>150	<b>2</b>	1	1
Étain	ppm	ASTM D5185(m)	>5	<b>0</b>	<1	<1
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	0

**CONTAMINATION**

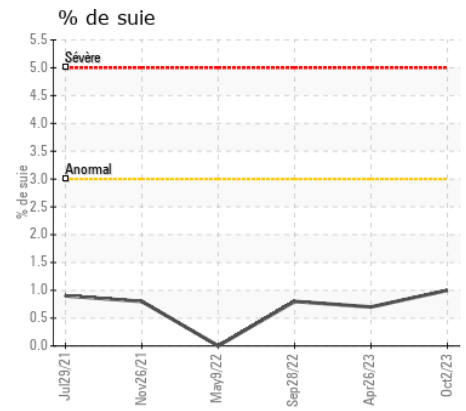
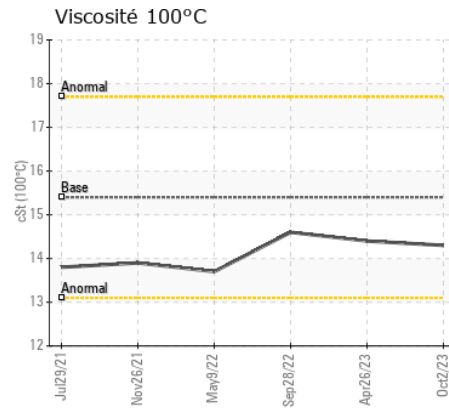
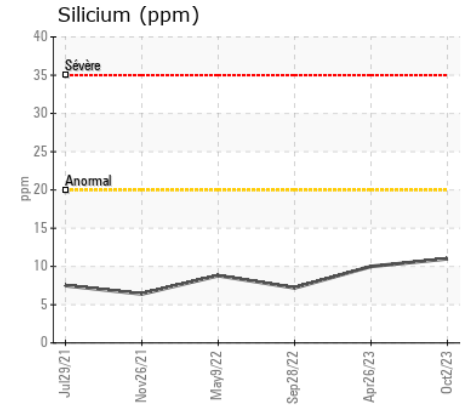
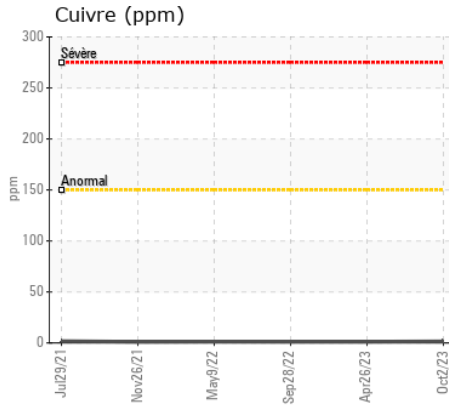
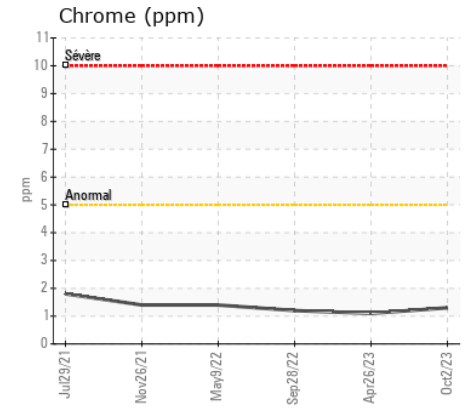
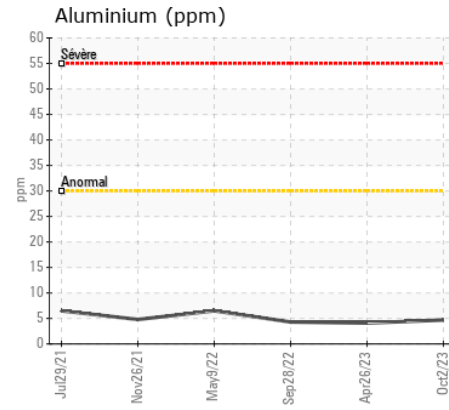
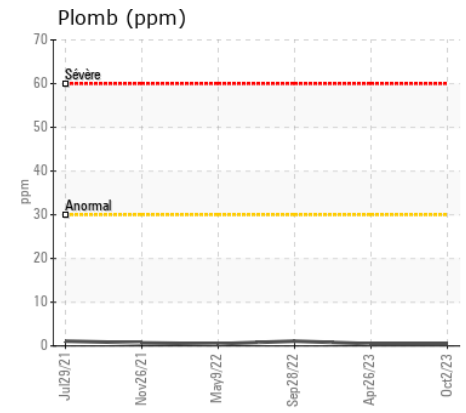
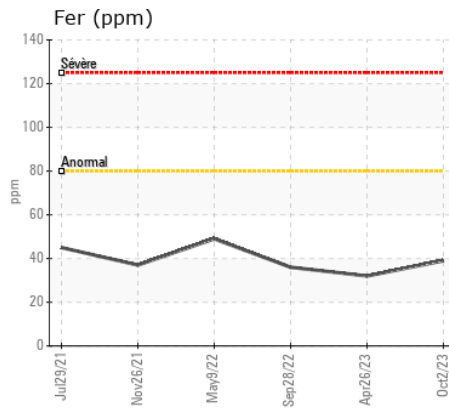
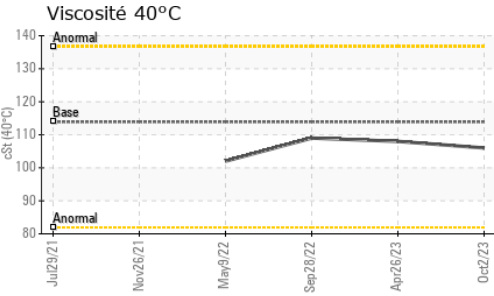
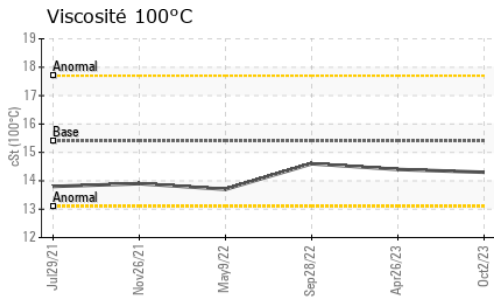
Il n'y a aucun indice de contamination dans l'huile.

Silicium	ppm	ASTM D5185(m)	>20	<b>11</b>	10	7
Potassium	ppm	ASTM D5185(m)	>20	<b>2</b>	<1	2
Essence		WC Method	>5	<b>&lt;1.0</b>	<1.0	<1.0
Glycol		WC Method		<b>NEG</b>	NEG	NEG
% de suie	%	ASTM D7844*	>3	<b>1</b>	0.7	0.8
Nitration	Abs/cm	ASTM D7624*	>20	<b>11.0</b>	10.5	11.3
Sulfatation	Abs/.1mm	ASTM D7415*	>30	<b>23.0</b>	22.7	23.5
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>7</b>	7	8
Bore	ppm	ASTM D5185(m)	0	<b>3</b>	4	4
Baryum	ppm	ASTM D5185(m)	0	<b>&lt;1</b>	0	0
Molybdène	ppm	ASTM D5185(m)	60	<b>65</b>	65	64
Manganèse	ppm	ASTM D5185(m)	0	<b>0</b>	<1	<1
Magnésium	ppm	ASTM D5185(m)	1010	<b>1032</b>	1048	1028
Calcium	ppm	ASTM D5185(m)	1070	<b>1209</b>	1206	1160
Phosphore	ppm	ASTM D5185(m)	1150	<b>1088</b>	1159	1123
Zinc	ppm	ASTM D5185(m)	1270	<b>1317</b>	1315	1276
Soufre	ppm	ASTM D5185(m)	2060	<b>2493</b>	2568	2577
Oxydation	Abs/.1mm	ASTM D7414*	>25	<b>18.1</b>	18.5	19.4
Visc 40°C	cSt	ASTM D7279(m)	113.9	<b>106</b>	108	109
Visc 100°C	cSt	ASTM D7279(m)	15.4	<b>14.3</b>	14.4	14.6
Indice de viscosité (VI)	Scale	ASTM D2270*	142	<b>137</b>	136	137



ISO 17025:2017  
Accredited  
Laboratory

**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 GFL Environmental - 737 - Quebec City Hauling  
**N° d'échantillon** : PC0077668 **Reçu** : 05 Oct 2023  
**N° de laboratoire** : 02587090 **Diagnostiqué** : 05 Oct 2023  
**Numéro unique** : 5656156 **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.

6205 Boul. Wilfrid Hamel,  
Quebec City, QC  
CA G2E 5G8  
Contact: Dave Beaulieu  
davebeaulieu@matrec.ca

T:  
F: