



Identité de la machine

**811036**

Composant

**Moteur diesel**

Fluide

**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>GFL0087661</b>	GFL0072739	GFL0043182
Date d'échant.		Client Info		<b>09 Jun 2023</b>	29 Mar 2023	05 May 2022
Âge d la Machine	hrs	Client Info		<b>4173</b>	3442	1990
Âge de l'huile	hrs	Client Info		<b>0</b>	0	600
Âge du filtre	hrs	Client Info		<b>0</b>	0	600
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)	>200	<b>14</b>	6	23
Chrome	ppm	ASTM D5185(m)	>20	<b>&lt;1</b>	<1	1
Nickel	ppm	ASTM D5185(m)	>2	<b>&lt;1</b>	<1	<1
Titane	ppm	ASTM D5185(m)	>2	<b>0</b>	<1	0
Argent	ppm	ASTM D5185(m)	>2	<b>0</b>	0	0
Aluminium	ppm	ASTM D5185(m)	>30	<b>5</b>	2	9
Plomb	ppm	ASTM D5185(m)	>30	<b>0</b>	0	<1
Cuivre	ppm	ASTM D5185(m)	>30	<b>1</b>	<1	3
Étain	ppm	ASTM D5185(m)	>15	<b>0</b>	0	<1
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	0

**CONTAMINATION**

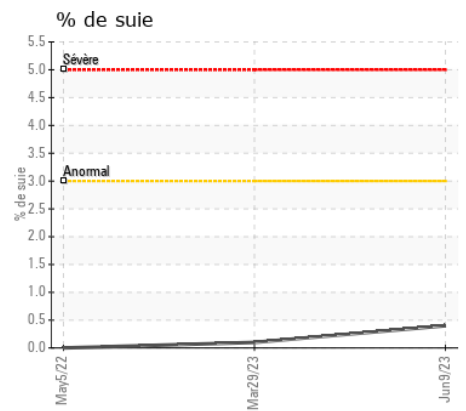
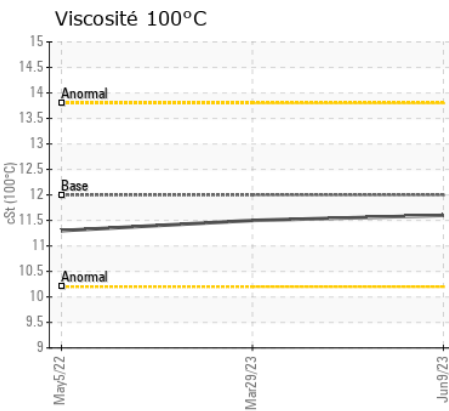
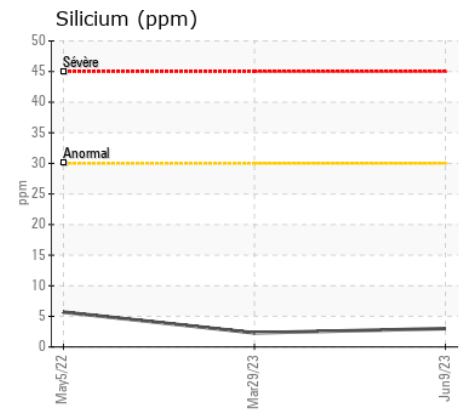
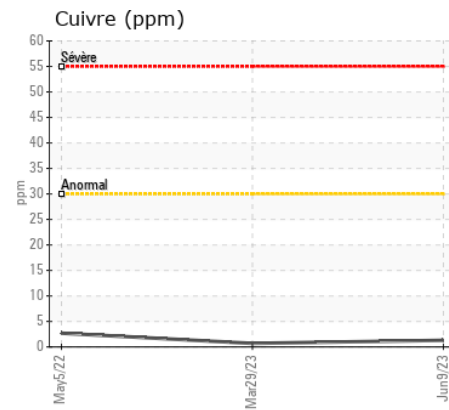
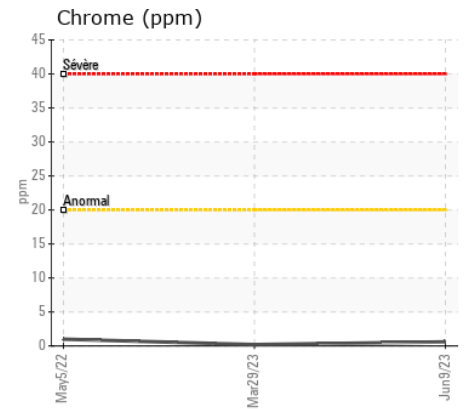
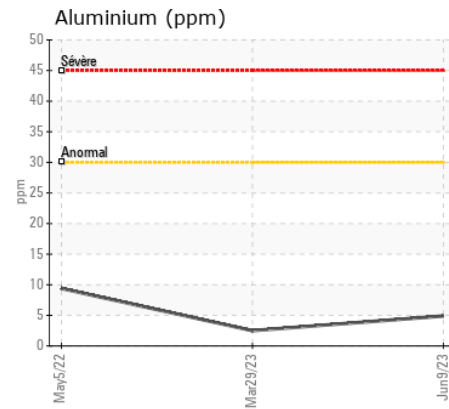
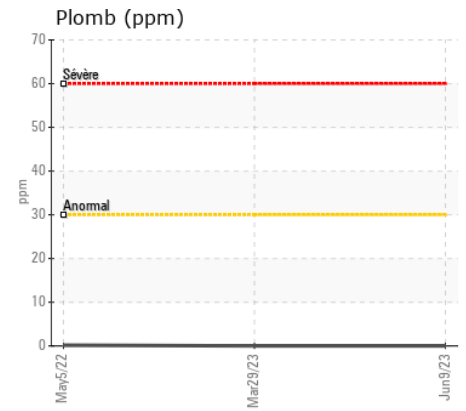
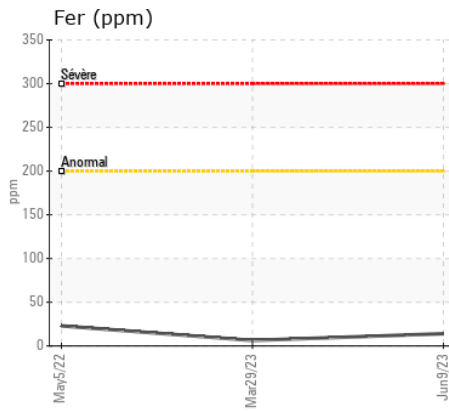
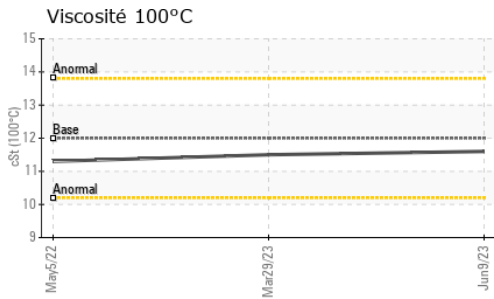
Elevated aluminum (Al) and/or lead (Pb) and potassium (K) levels in your metals analysis are likely a result of solder flux release into the lubricant and is common on new equipment/components. Il n'y a aucun indice de contamination dans l'huile.

Silicium	ppm	ASTM D5185(m)	>30	<b>3</b>	2	6
Potassium	ppm	ASTM D5185(m)	>20	<b>8</b>	2	13
Essence		WC Method	>3.0	<b>&lt;1.0</b>	<1.0	<1.0
Glycol		WC Method		<b>NEG</b>	NEG	NEG
% de suie	%	ASTM D7844*	>3	<b>0.4</b>	0.1	0
Nitration	Abs/cm	ASTM D7624*	>20	<b>7.0</b>	5.5	4.5
Sulfatation	Abs/.1mm	ASTM D7415*	>30	<b>19.3</b>	18.5	15.1
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>	1	3
Bore	ppm	ASTM D5185(m)	2	<b>3</b>	5	49
Baryum	ppm	ASTM D5185(m)	0	<b>0</b>	0	0
Molybdène	ppm	ASTM D5185(m)	50	<b>59</b>	58	88
Manganèse	ppm	ASTM D5185(m)	0	<b>&lt;1</b>	<1	<1
Magnésium	ppm	ASTM D5185(m)	950	<b>993</b>	957	57
Calcium	ppm	ASTM D5185(m)	1050	<b>1070</b>	1202	1853
Phosphore	ppm	ASTM D5185(m)	995	<b>1078</b>	1117	1020
Zinc	ppm	ASTM D5185(m)	1180	<b>1175</b>	1201	1173
Soufre	ppm	ASTM D5185(m)	2600	<b>2578</b>	2787	3118
Oxydation	Abs/.1mm	ASTM D7414*	>25	<b>14.4</b>	13.7	6.6
Visc 100°C	cSt	ASTM D7279(m)	12.00	<b>11.6</b>	11.5	11.3



ISO 17025:2017  
Accredited  
Laboratory

**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 GFL Environmental - 747 - GMA - Solid Waste  
**N° d'échantillon** : GFL0087661 **Reçu** : 18 Sep 2023  
**N° de laboratoire** : 02583026 **Diagnostiqué** : 18 Sep 2023  
**Numéro unique** : 5644091 **Diagnostiqueur** : Wes Davis  
**Analyse** : MOB 1

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CA J4B 6Z5  
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T: (450)641-3070  
F:

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.