



Identité de la machine

**501085**

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>PC0073179</b>	PC0071801	PC0066268
Date d'échant.		Client Info		<b>13 Sep 2023</b>	21 Jun 2023	21 Mar 2023
Âge d la Machine	hrs	Client Info		<b>610435</b>	582053	829539
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>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)	>120	<b>32</b>	50	30
Chrome	ppm	ASTM D5185(m)	>20	<b>&lt;1</b>	<1	<1
Nickel	ppm	ASTM D5185(m)	>5	<b>&lt;1</b>	2	4
Titane	ppm	ASTM D5185(m)	>2	<b>0</b>	0	<1
Argent	ppm	ASTM D5185(m)	>2	<b>&lt;1</b>	<1	0
Aluminium	ppm	ASTM D5185(m)	>20	<b>7</b>	8	8
Plomb	ppm	ASTM D5185(m)	>40	<b>&lt;1</b>	<1	<1
Cuivre	ppm	ASTM D5185(m)	>330	<b>5</b>	7	6
Étain	ppm	ASTM D5185(m)	>15	<b>&lt;1</b>	<1	<1
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	0

**CONTAMINATION**

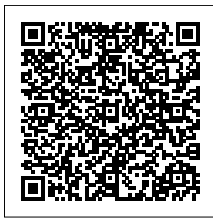
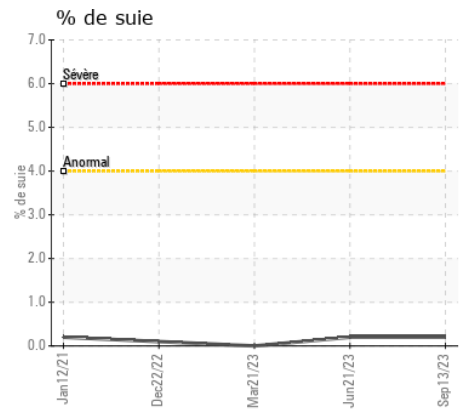
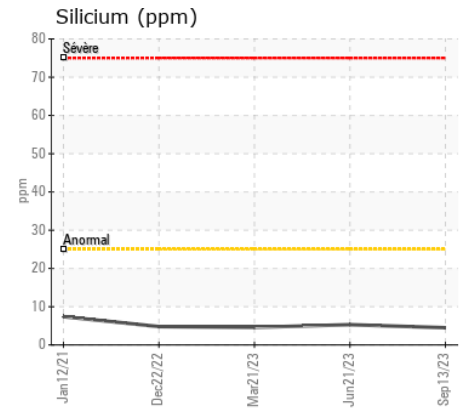
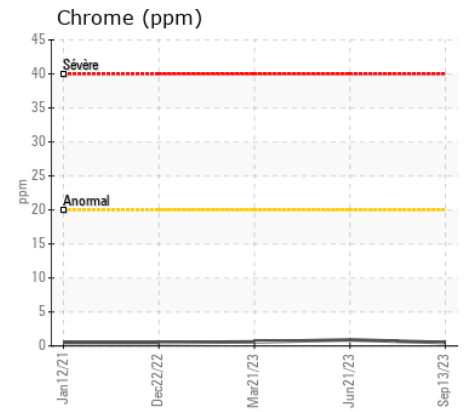
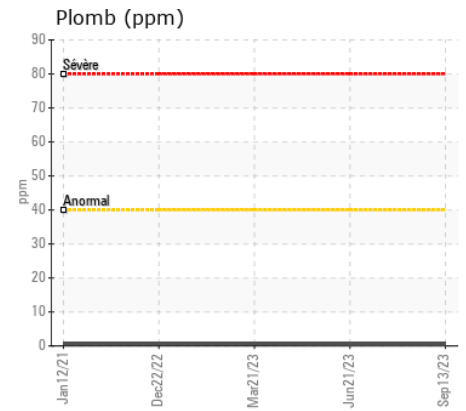
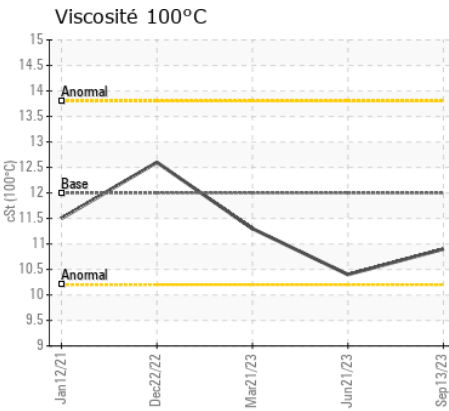
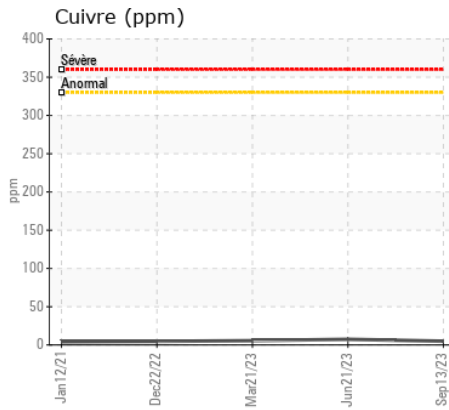
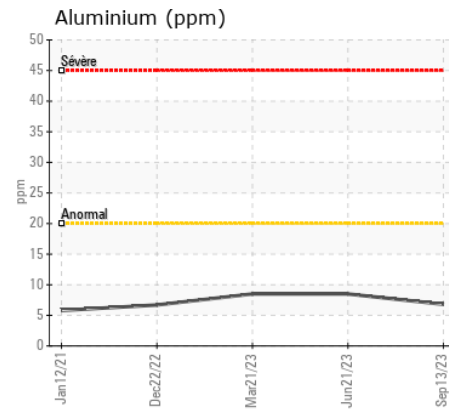
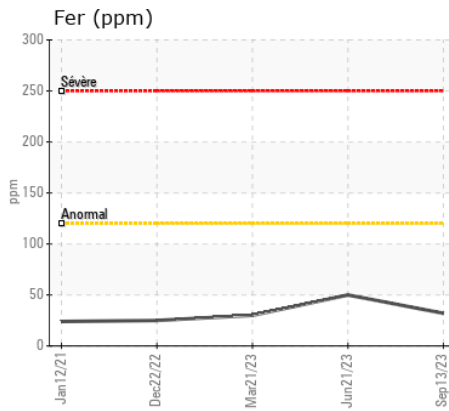
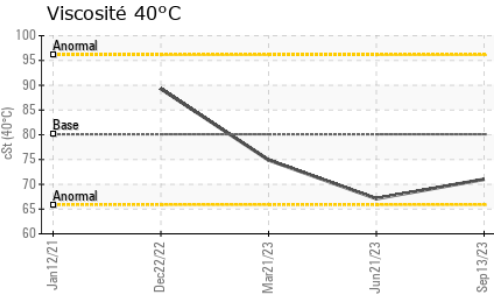
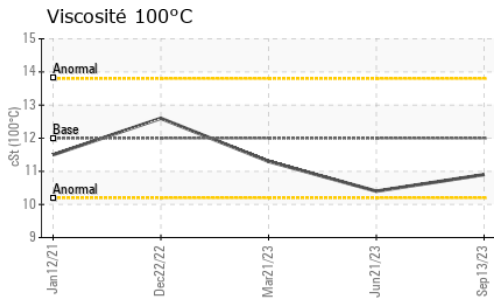
Il n'y a aucun indice de contamination dans l'huile.

Silicium	ppm	ASTM D5185(m)	>25	<b>4</b>	5	5
Potassium	ppm	ASTM D5185(m)	>20	<b>5</b>	4	3
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*	>4	<b>0.2</b>	0.2	0
Nitration	Abs/cm	ASTM D7624*	>20	<b>8.4</b>	7.9	8.5
Sulfatation	Abs/.1mm	ASTM D7415*	>30	<b>20.3</b>	19.9	22.3
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>7</b>	9	9
Bore	ppm	ASTM D5185(m)	2	<b>4</b>	4	5
Baryum	ppm	ASTM D5185(m)	0	<b>&lt;1</b>	<1	0
Molybdène	ppm	ASTM D5185(m)	50	<b>61</b>	55	59
Manganèse	ppm	ASTM D5185(m)	0	<b>&lt;1</b>	<1	<1
Magnésium	ppm	ASTM D5185(m)	950	<b>973</b>	883	929
Calcium	ppm	ASTM D5185(m)	1050	<b>1096</b>	973	1108
Phosphore	ppm	ASTM D5185(m)	995	<b>1063</b>	999	1048
Zinc	ppm	ASTM D5185(m)	1180	<b>1218</b>	1126	1197
Soufre	ppm	ASTM D5185(m)	2600	<b>2455</b>	2251	2521
Oxydation	Abs/.1mm	ASTM D7414*	>25	<b>16.4</b>	15.8	16.2
Visc 40°C	cSt	ASTM D7279(m)	80.1	<b>71.0</b>	67.1	74.9
Visc 100°C	cSt	ASTM D7279(m)	12.00	<b>10.9</b>	10.4	11.3
Indice de viscosité (VI)	Scale	ASTM D2270*	144	<b>143</b>	142	142



**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 GFL Environmental - 737 - Quebec City Hauling  
**N° d'échantillon** : PC0073179 **Reçu** : 18 Sep 2023  
**N° de laboratoire** : 02583137 **Diagnostiqué** : 18 Sep 2023  
**Numéro unique** : 5644202 **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.