



Identité de la machine

**4689**

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>PC0084040</b>	PC0078539	PC0071797
Date d'échant.		Client Info		<b>13 Mar 2024</b>	20 Sep 2023	03 Jul 2023
Âge d la Machine	kms	Client Info		<b>570543</b>	570543	565150
Âge de l'huile	kms	Client Info		<b>570543</b>	0	0
Âge du filtre	kms	Client Info		<b>570543</b>	0	0
Huile changée		Client Info		<b>N/A</b>	Changed	Changed
Filtre changé		Client Info		<b>N/A</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>23</b>	9	19
Chrome	ppm	ASTM D5185(m)	>20	<b>&lt;1</b>	<1	<1
Nickel	ppm	ASTM D5185(m)	>4	<b>2</b>	<1	<1
Titane	ppm	ASTM D5185(m)		<b>0</b>	0	0
Argent	ppm	ASTM D5185(m)	>3	<b>0</b>	0	0
Aluminium	ppm	ASTM D5185(m)	>20	<b>5</b>	1	3
Plomb	ppm	ASTM D5185(m)	>40	<b>&lt;1</b>	0	<1
Cuivre	ppm	ASTM D5185(m)	>330	<b>3</b>	<1	2
Étain	ppm	ASTM D5185(m)	>15	<b>&lt;1</b>	0	<1
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	0

**CONTAMINATION**

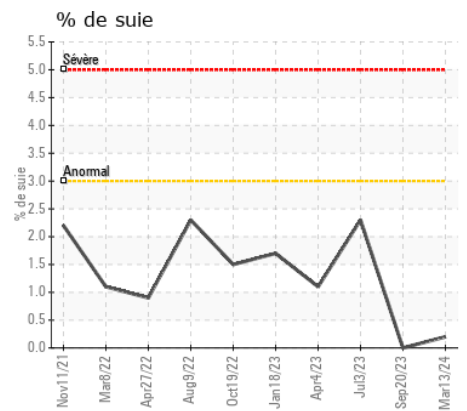
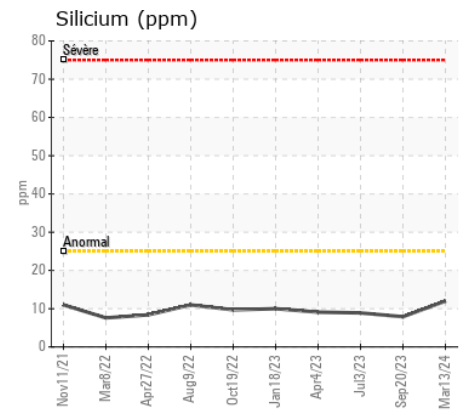
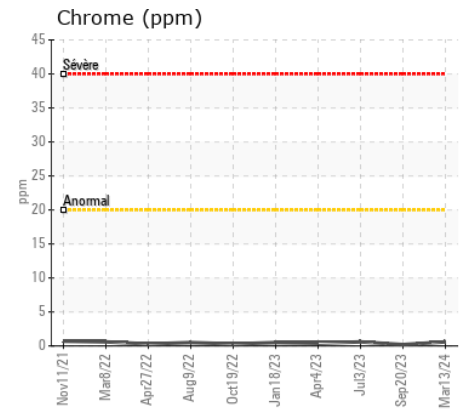
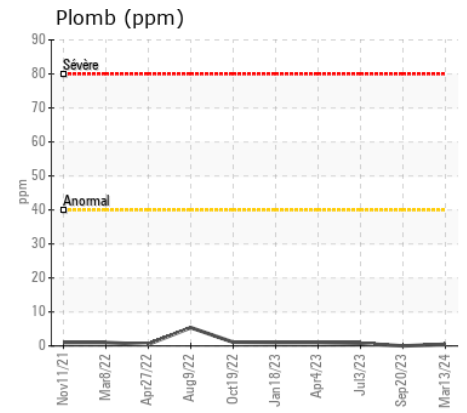
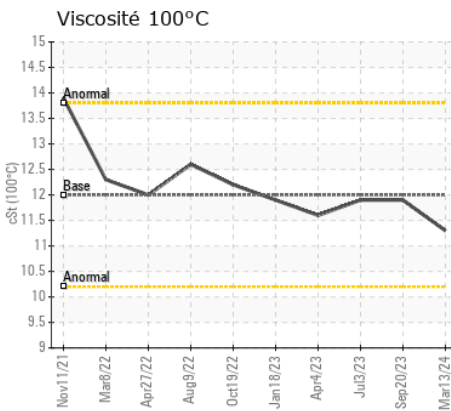
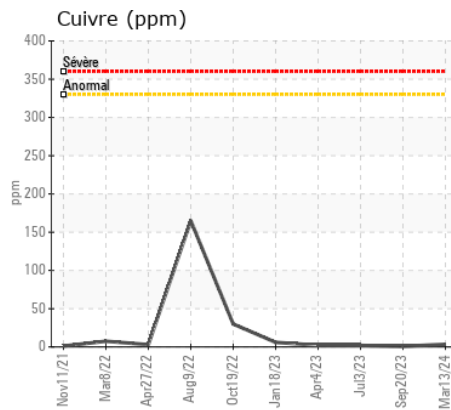
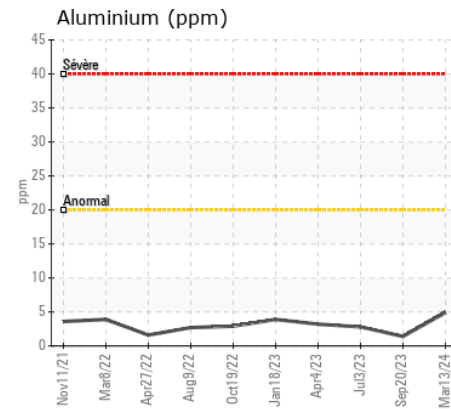
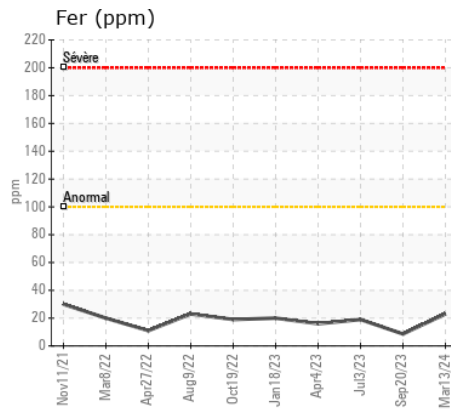
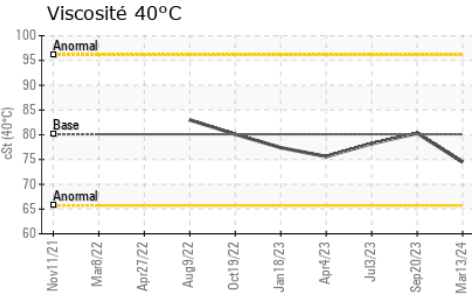
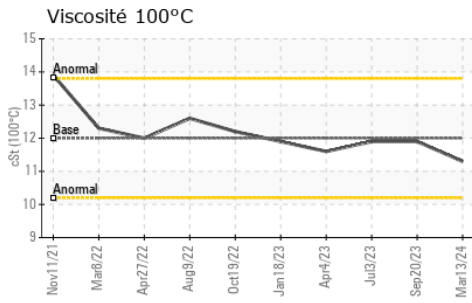
Il n'y a aucun indice de contamination dans l'huile.

Silicium	ppm	ASTM D5185(m)	>25	<b>12</b>	8	9
Potassium	ppm	ASTM D5185(m)	>20	<b>4</b>	0	<1
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>0.2</b>	0	2.3
Nitration	Abs/cm	ASTM D7624*	>20	<b>6.8</b>	5.1	11.8
Sulfatation	Abs/.1mm	ASTM D7415*	>30	<b>18.4</b>	16.8	24.4
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>32</b>	5	4
Bore	ppm	ASTM D5185(m)	2	<b>10</b>	38	3
Baryum	ppm	ASTM D5185(m)	0	<b>0</b>	0	0
Molybdène	ppm	ASTM D5185(m)	50	<b>57</b>	16	59
Manganèse	ppm	ASTM D5185(m)	0	<b>0</b>	<1	<1
Magnésium	ppm	ASTM D5185(m)	950	<b>881</b>	137	938
Calcium	ppm	ASTM D5185(m)	1050	<b>1141</b>	1968	1034
Phosphore	ppm	ASTM D5185(m)	995	<b>1041</b>	931	1048
Zinc	ppm	ASTM D5185(m)	1180	<b>1148</b>	1003	1165
Soufre	ppm	ASTM D5185(m)	2600	<b>2804</b>	2848	2514
Oxydation	Abs/.1mm	ASTM D7414*	>25	<b>14.2</b>	10.5	17.4
Visc 40°C	cSt	ASTM D7279(m)	80.1	<b>74.5</b>	80.3	78.2
Visc 100°C	cSt	ASTM D7279(m)	12.00	<b>11.3</b>	11.9	11.9
Indice de viscosité (VI)	Scale	ASTM D2270*	144	<b>143</b>	142	146



ISO 17025:2017  
Accredited  
Laboratory

Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9

N° d'échantillon : PC0084040

N° de laboratoire : 02621961

Numéro unique : 5747080

Analyse : MOB 1 ( Additional Tests: KV40, VI )

Reçu : 14 Mar 2024

Tested : 14 Mar 2024

Diagnostiqué : 14 Mar 2024 - Wes Davis

GFL Environmental - 737 - Quebec City Hauling

6205 Boul. Wilfrid Hamel,

Quebec City, QC

CA G2E 5G8

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T:

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.