



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

Identité de la machine

**INTERNATIONAL 339**

Composant

**Moteur diesel**

Fluid

**PETRO CANADA DURON SAE 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>PC0073165</b>	PC0072170	PC0075410
Date d'échant.		Client Info		<b>27 Nov 2023</b>	02 Oct 2023	06 Jun 2023
Âge d la Machine	kms	Client Info		<b>392606</b>	373934	331589
Âge de l'huile	kms	Client Info		<b>18672</b>	64264	21919
Âge du filtre	kms	Client Info		<b>18672</b>	64264	21919
Huile changée		Client Info		<b>Not Changd</b>	Changed	Not Changd
Filtre changé		Client Info		<b>Not Changd</b>	Changed	Not Changd
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>	19	12
Chrome	ppm	ASTM D5185(m)	>20	<b>1</b>	1	<1
Nickel	ppm	ASTM D5185(m)	>4	<b>&lt;1</b>	<1	0
Titane	ppm	ASTM D5185(m)		<b>0</b>	0	0
Argent	ppm	ASTM D5185(m)	>3	<b>0</b>	0	<1
Aluminium	ppm	ASTM D5185(m)	>20	<b>6</b>	6	2
Plomb	ppm	ASTM D5185(m)	>40	<b>&lt;1</b>	<1	<1
Cuivre	ppm	ASTM D5185(m)	>330	<b>3</b>	3	2
Étain	ppm	ASTM D5185(m)	>15	<b>0</b>	0	0
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	0

**CONTAMINATION**

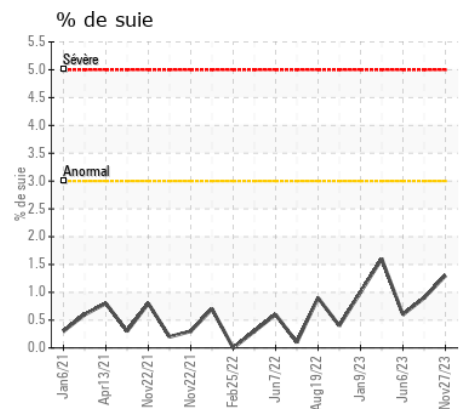
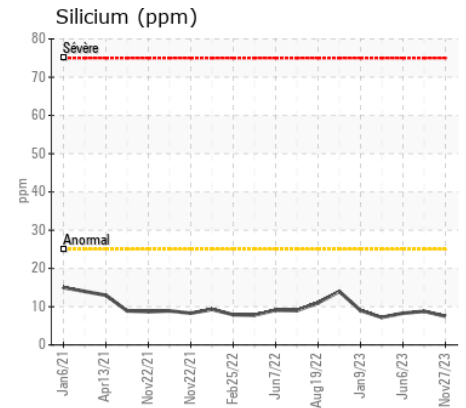
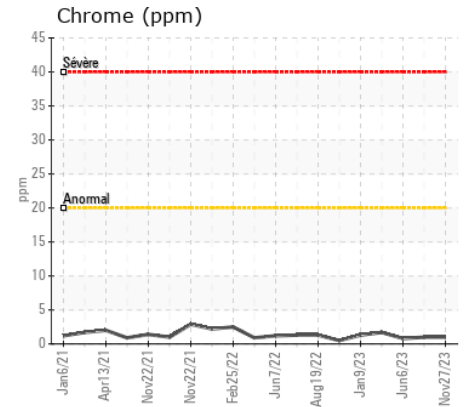
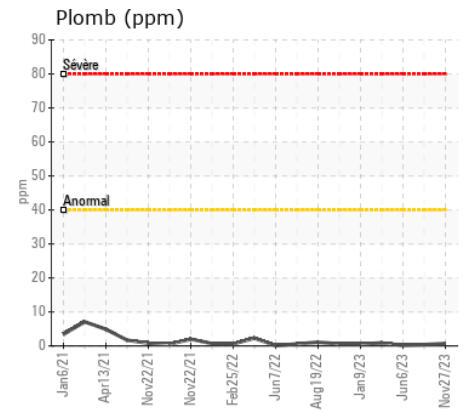
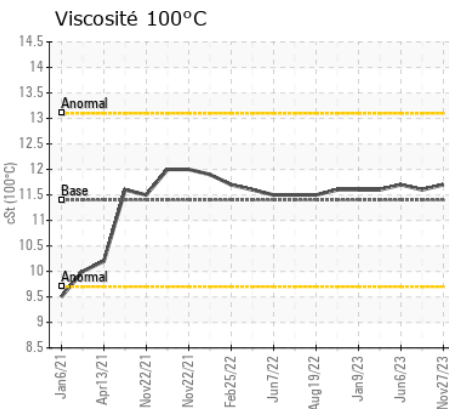
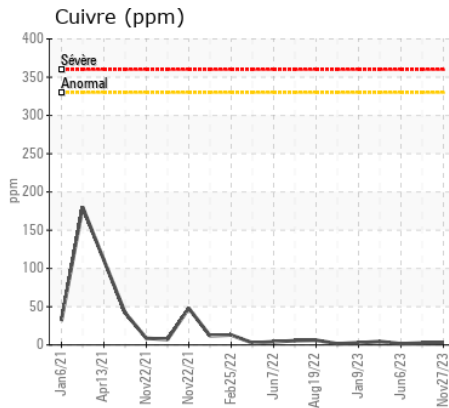
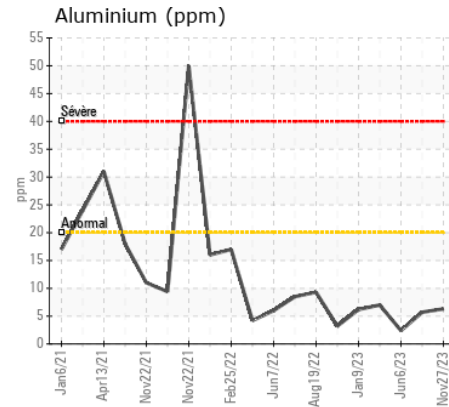
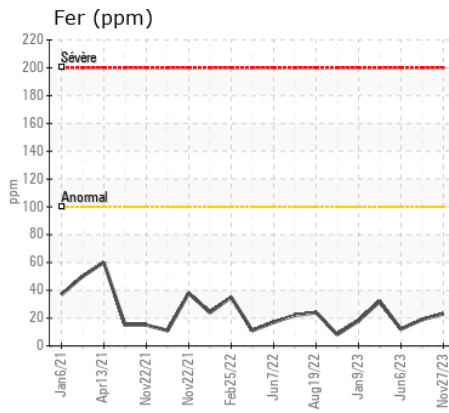
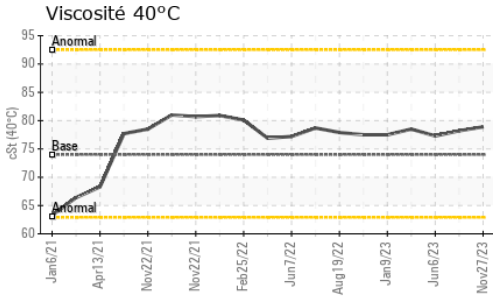
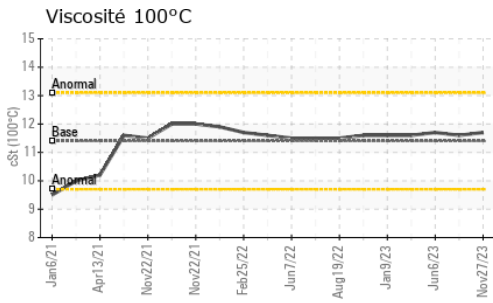
Elevated aluminum (Al) and/or lead (Pb) and potassium (K) levels in your metals analysis are likely a result of solder flux release into the lubricant and is common on new equipment/components. Il n'y a aucun indice de contamination dans l'huile.

Silicium	ppm	ASTM D5185(m)	>25	<b>8</b>	9	8
Potassium	ppm	ASTM D5185(m)	>20	<b>10</b>	8	2
Essence		WC Method	>5	<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>1.3</b>	0.9	0.6
Nitration	Abs/cm	ASTM D7624*	>20	<b>11.0</b>	9.4	7.6
Sulfatation	Abs/.1mm	ASTM D7415*	>30	<b>23.5</b>	20.5	20.2
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>	2	2
Bore	ppm	ASTM D5185(m)	1	<b>&lt;1</b>	1	2
Baryum	ppm	ASTM D5185(m)	1	<b>0</b>	0	0
Molybdène	ppm	ASTM D5185(m)	1	<b>62</b>	62	62
Manganèse	ppm	ASTM D5185(m)	1	<b>0</b>	0	<1
Magnésium	ppm	ASTM D5185(m)	10	<b>983</b>	999	1020
Calcium	ppm	ASTM D5185(m)	2942	<b>1101</b>	1097	1096
Phosphore	ppm	ASTM D5185(m)	1102	<b>987</b>	1045	1093
Zinc	ppm	ASTM D5185(m)	1351	<b>1178</b>	1196	1234
Soufre	ppm	ASTM D5185(m)	3903	<b>2540</b>	2643	2685
Oxydation	Abs/.1mm	ASTM D7414*	>25	<b>17.6</b>	14.9	14.4
Visc 40°C	cSt	ASTM D7279(m)	74.0	<b>78.9</b>	78.2	77.3
Visc 100°C	cSt	ASTM D7279(m)	11.4	<b>11.7</b>	11.6	11.7
Indice de viscosité (VI)	Scale	ASTM D2270*	146	<b>141</b>	140	144



ISO 17025:2017  
Accredited  
Laboratory

**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**N° d'échantillon** : PC0073165 **Reçu** : 12 Jan 2024  
**N° de laboratoire** : 02608492 **Diagnostiqué** : 15 Jan 2024  
**Numéro unique** : 5709578 **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.

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