



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

Identité de la machine

**INTERNATIONAL 331**

Composant

**Moteur diesel**

Fluid

**PETRO CANADA DURON SAE 10W30 (--- LTR)**

**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>PC0073166</b>	PC0072168	PC0066944
Date d'échant.		Client Info		<b>11 Oct 2023</b>	17 Jul 2023	04 Apr 2023
Âge d la Machine	kms	Client Info		<b>603355</b>	586413	552476
Âge de l'huile	kms	Client Info		<b>10942</b>	53951	20514
Âge du filtre	kms	Client Info		<b>10942</b>	53951	20514
Huile changée		Client Info		<b>Not Chngd</b>	Changed	Not Chngd
Filtre changé		Client Info		<b>Not Chngd</b>	Changed	Not Chngd
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>12</b>	30	14
Chrome	ppm	ASTM D5185(m)	>20	<b>&lt;1</b>	1	<1
Nickel	ppm	ASTM D5185(m)	>4	<b>&lt;1</b>	<1	<1
Titane	ppm	ASTM D5185(m)		<b>0</b>	0	<1
Argent	ppm	ASTM D5185(m)	>3	<b>0</b>	0	0
Aluminium	ppm	ASTM D5185(m)	>20	<b>3</b>	4	2
Plomb	ppm	ASTM D5185(m)	>40	<b>&lt;1</b>	<1	<1
Cuivre	ppm	ASTM D5185(m)	>330	<b>&lt;1</b>	2	<1
Étain	ppm	ASTM D5185(m)	>15	<b>0</b>	<1	0
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	0
Métal blanc	scalar	Visual*	NONE	<b>VLITE</b>	---	NONE
Bronze	scalar	Visual*	NONE	<b>NONE</b>	---	NONE

**CONTAMINATION**

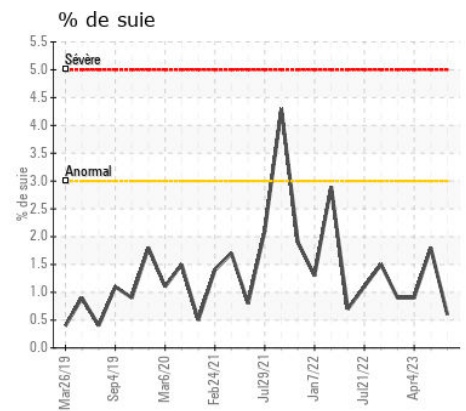
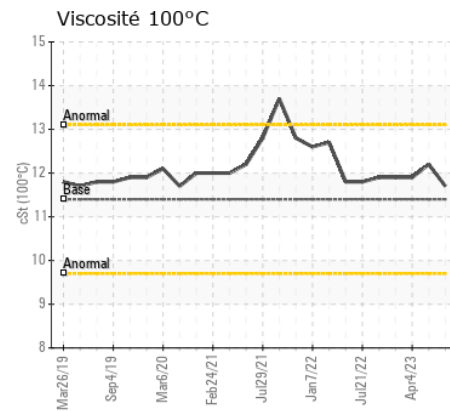
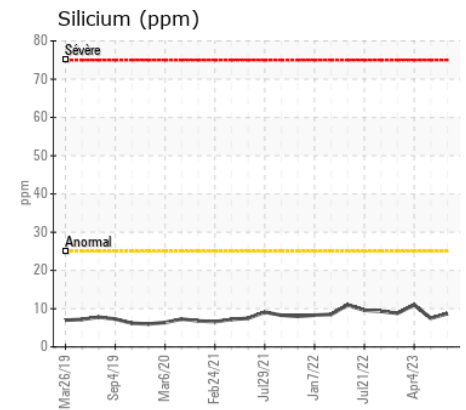
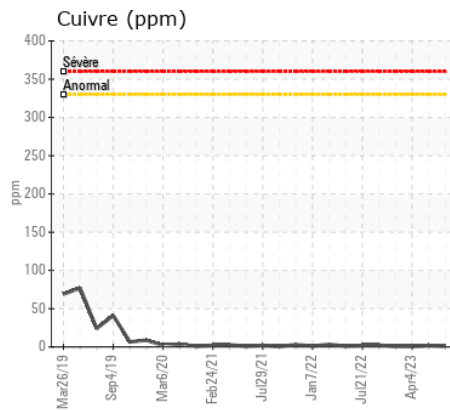
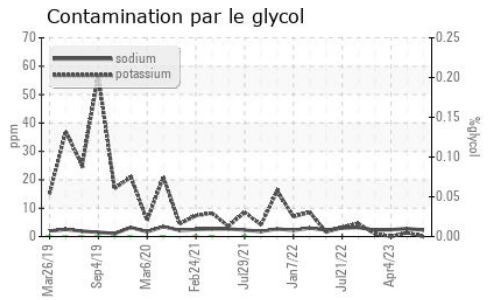
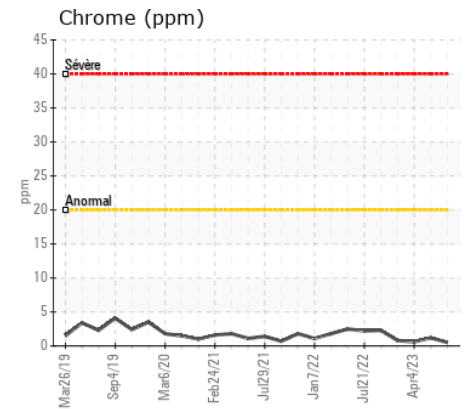
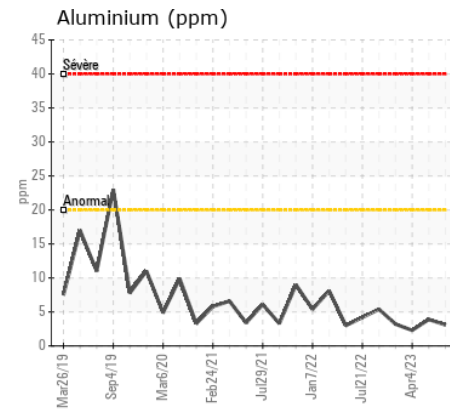
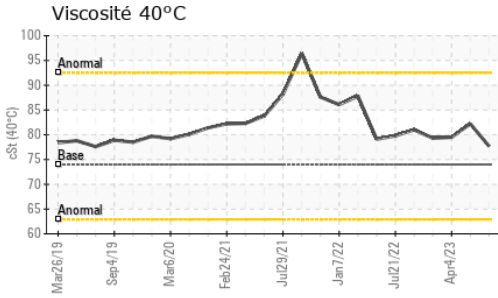
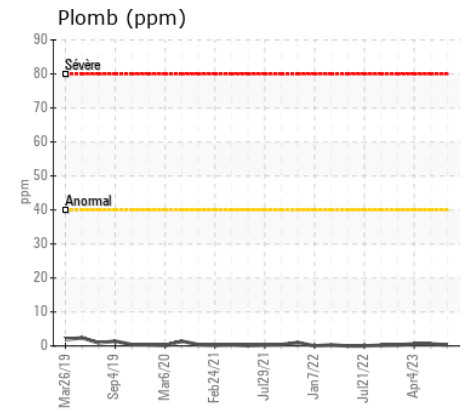
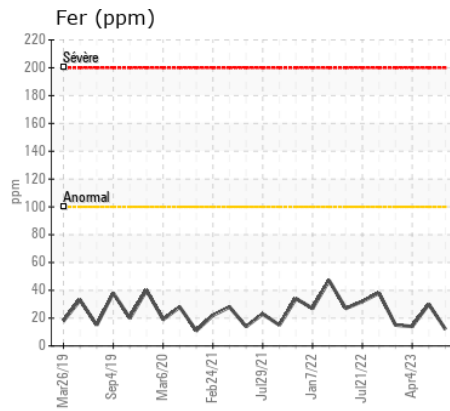
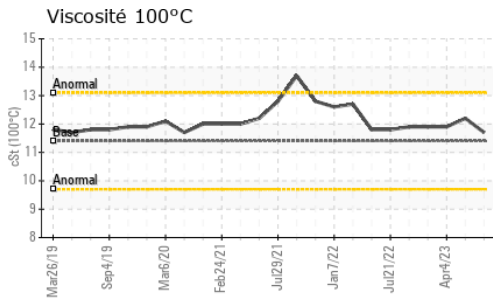
Il n'y a aucun indice de contamination dans l'huile.

Silicium	ppm	ASTM D5185(m)	>25	<b>9</b>	8	11
Potassium	ppm	ASTM D5185(m)	>20	<b>0</b>	1	0
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	%	ASTM D7922*		<b>NEG</b>	NEG	NEG
% de suie	%	ASTM D7844*	>3	<b>0.6</b>	1.8	0.9
Nitration	Abs/cm	ASTM D7624*	>20	<b>7.5</b>	11.5	7.4
Sulfatation	Abs/.1mm	ASTM D7415*	>30	<b>19.6</b>	25.4	20.0
Limon	scalar	Visual*	NONE	<b>NONE</b>	---	NONE
Débris	scalar	Visual*	NONE	<b>NONE</b>	---	NONE
Saleté	scalar	Visual*	NONE	<b>NONE</b>	---	NONE
Apparence	scalar	Visual*	NORML	<b>NORML</b>	---	NORML
Odeur	scalar	Visual*	NORML	<b>NORML</b>	NORML	NORML
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>	3	2
Bore	ppm	ASTM D5185(m)	1	<b>1</b>	<1	2
Baryum	ppm	ASTM D5185(m)	1	<b>0</b>	0	0
Molybdène	ppm	ASTM D5185(m)	1	<b>57</b>	62	60
Manganèse	ppm	ASTM D5185(m)	1	<b>0</b>	<1	<1
Magnésium	ppm	ASTM D5185(m)	10	<b>933</b>	1020	964
Calcium	ppm	ASTM D5185(m)	2942	<b>1108</b>	1090	1100
Phosphore	ppm	ASTM D5185(m)	1102	<b>1012</b>	1051	1077
Zinc	ppm	ASTM D5185(m)	1351	<b>1147</b>	1208	1175
Soufre	ppm	ASTM D5185(m)	3903	<b>2662</b>	2460	2635
Oxydation	Abs/.1mm	ASTM D7414*	>25	<b>14.2</b>	17.7	13.9
Visc 40°C	cSt	ASTM D7279(m)	74.0	<b>77.7</b>	82.2	79.5
Visc 100°C	cSt	ASTM D7279(m)	11.4	<b>11.7</b>	12.2	11.9
Indice de viscosité (VI)	Scale	ASTM D2270*	146	<b>144</b>	144	144



ISO 17025:2017  
Accredited  
Laboratory

**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**N° d'échantillon** : PC0073166 **Reçu** : 12 Jan 2024  
**N° de laboratoire** : 02608486 **Diagnostiqué** : 15 Jan 2024  
**Numéro unique** : 5709572 **Diagnostiqueur** : Kevin Marson  
**Analyse** : MOB 1 ( Additional Tests: Glycol, KV40, VI, Visual )

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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