



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

Identité de la machine

**INTERNATIONAL 353**

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>PC0081853</b>	PC0066939	PC0067697
Date d'échant.		Client Info		<b>22 Nov 2023</b>	07 Mar 2023	07 Mar 2023
Âge d la Machine	kms	Client Info		<b>279531</b>	251181	251181
Âge de l'huile	kms	Client Info		<b>28350</b>	251181	57181
Âge du filtre	kms	Client Info		<b>28350</b>	251181	57181
Huile changée		Client Info		<b>Not Changed</b>	Changed	Changed
Filtre changé		Client Info		<b>Not 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)	>100	<b>45</b>	72	68
Chrome	ppm	ASTM D5185(m)	>20	<b>2</b>	2	2
Nickel	ppm	ASTM D5185(m)	>4	<b>&lt;1</b>	<1	<1
Titane	ppm	ASTM D5185(m)		<b>0</b>	<1	<1
Argent	ppm	ASTM D5185(m)	>3	<b>&lt;1</b>	0	0
Aluminium	ppm	ASTM D5185(m)	>20	<b>4</b>	5	5
Plomb	ppm	ASTM D5185(m)	>40	<b>10</b>	12	12
Cuivre	ppm	ASTM D5185(m)	>330	<b>3</b>	8	7
Étain	ppm	ASTM D5185(m)	>15	<b>&lt;1</b>	2	2
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	0
Métal blanc	scalar	Visual*	NONE	<b>NONE</b>	NONE	VLITE
Bronze	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE

**CONTAMINATION**

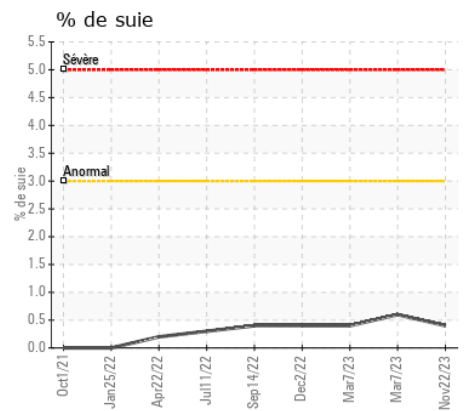
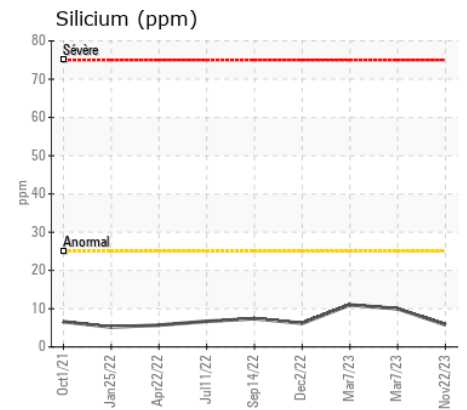
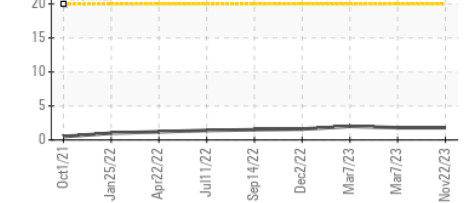
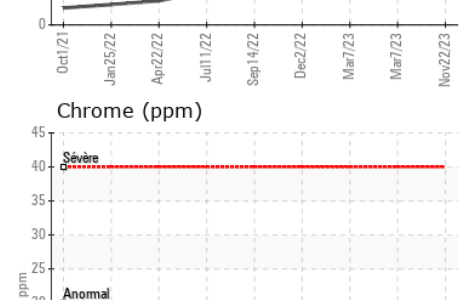
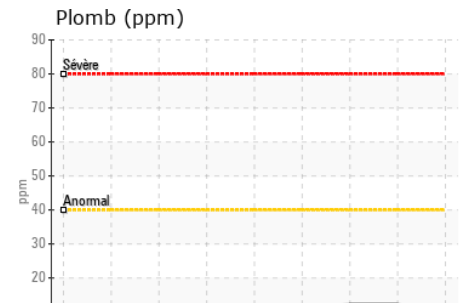
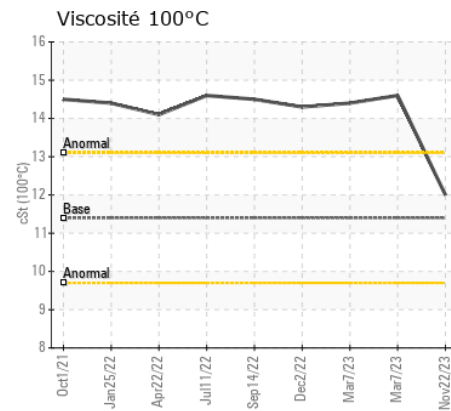
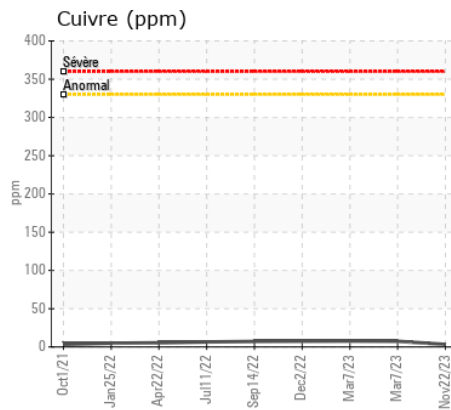
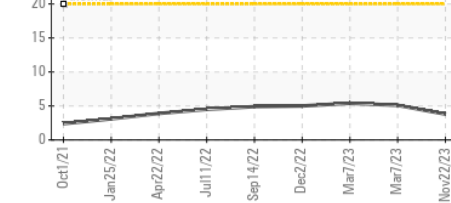
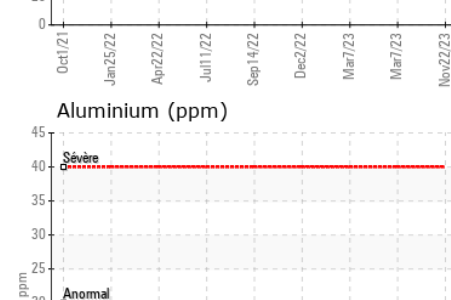
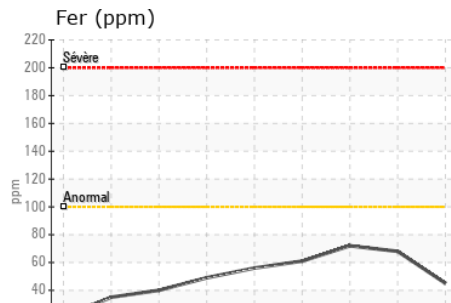
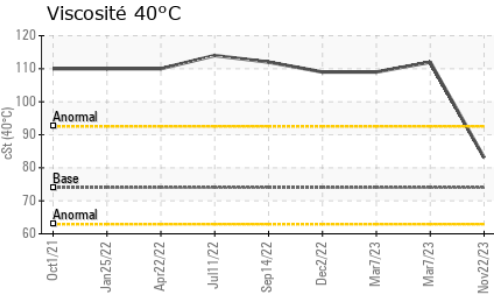
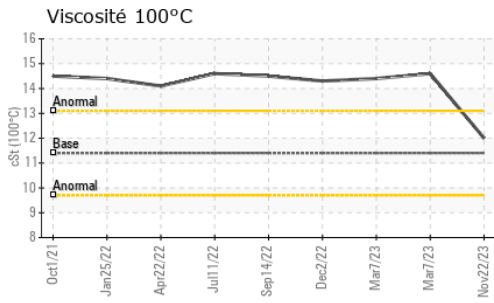
Elevated aluminum (Al) and/or lead (Pb) and potassium (K) levels in your metals analysis are likely a result of solder flux release into the lubricant and is common on new equipment/components. Il n'y a aucun indice de contamination dans l'huile.

Silicium	ppm	ASTM D5185(m)	>25	<b>6</b>	11	10
Potassium	ppm	ASTM D5185(m)	>20	<b>1</b>	5	7
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>	0.0	NEG
% de suie	%	ASTM D7844*	>3	<b>0.4</b>	0.6	0.4
Nitration	Abs/cm	ASTM D7624*	>20	<b>12.0</b>	14.6	13.7
Sulfatation	Abs/.1mm	ASTM D7415*	>30	<b>24.4</b>	32.7	31.1
Limon	scalar	Visual*	NONE	<b>VLITE</b>	NONE	NONE
Débris	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Saleté	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Apparence	scalar	Visual*	NORML	<b>NORML</b>	NORML	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>	4	4
Bore	ppm	ASTM D5185(m)	1	<b>4</b>	27	27
Baryum	ppm	ASTM D5185(m)	1	<b>0</b>	0	0
Molybdène	ppm	ASTM D5185(m)	1	<b>59</b>	27	27
Manganèse	ppm	ASTM D5185(m)	1	<b>0</b>	1	1
Magnésium	ppm	ASTM D5185(m)	10	<b>958</b>	404	415
Calcium	ppm	ASTM D5185(m)	2942	<b>1306</b>	2066	2123
Phosphore	ppm	ASTM D5185(m)	1102	<b>1111</b>	1139	1176
Zinc	ppm	ASTM D5185(m)	1351	<b>1288</b>	1320	1349
Soufre	ppm	ASTM D5185(m)	3903	<b>2765</b>	2854	2994
Oxydation	Abs/.1mm	ASTM D7414*	>25	<b>21.9</b>	30.9	28.9
Visc 40°C	cSt	ASTM D7279(m)	74.0	<b>83.1</b>	112	109
Visc 100°C	cSt	ASTM D7279(m)	11.4	<b>12.0</b>	14.6	14.4
Indice de viscosité (VI)	Scale	ASTM D2270*	146	<b>138</b>	133	134



ISO 17025:2017  
Accredited  
Laboratory

**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**N° d'échantillon** : PC0081853  
**N° de laboratoire** : 02608466  
**Numéro unique** : 5709552  
**Analyse** : MOB 1 ( Additional Tests: KV40, VI, Visual )

**Reçu** : 12 Jan 2024  
**Diagnostiqué** : 15 Jan 2024  
**Diagnostiqueur** : Wes Davis

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.

**Transport Dynapro**  
 10808 Cantin  
 Montreal Nord, QC  
 CA H1G 6P7  
 Contact: Pascal Perron  
 pascal.dynapro@gmail.com  
 T: (514)255-7930  
 F: (514)255-7903