



# RAPPORT D'ANALYSE D'HUILE

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

Identité de la machine

**6021**

Composant

**Moteur diesel Arrière**

Fluid

**PETRO CANADA DURON HP 15W40 (18 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>PC0086690</b>	PC0079368	PC0079581
Date d'échant.		Client Info		<b>30 Mar 2024</b>	08 Mar 2024	18 Jan 2024
Âge d la Machine	kms	Client Info		<b>513946</b>	505683	497281
Âge de l'huile	kms	Client Info		<b>8263</b>	8402	9324
Âge du filtre	kms	Client Info		<b>8263</b>	8402	9324
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)	>130	<b>21</b>	21	25
Chrome	ppm	ASTM D5185(m)	>10	<b>&lt;1</b>	<1	<1
Nickel	ppm	ASTM D5185(m)	>4	<b>0</b>	0	<1
Titane	ppm	ASTM D5185(m)	>2	<b>0</b>	0	0
Argent	ppm	ASTM D5185(m)	>2	<b>0</b>	0	0
Aluminium	ppm	ASTM D5185(m)	>20	<b>4</b>	5	5
Plomb	ppm	ASTM D5185(m)	>20	<b>0</b>	0	0
Cuivre	ppm	ASTM D5185(m)	>125	<b>&lt;1</b>	<1	<1
Étain	ppm	ASTM D5185(m)	>4	<b>0</b>	0	0
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	0

## CONTAMINATION

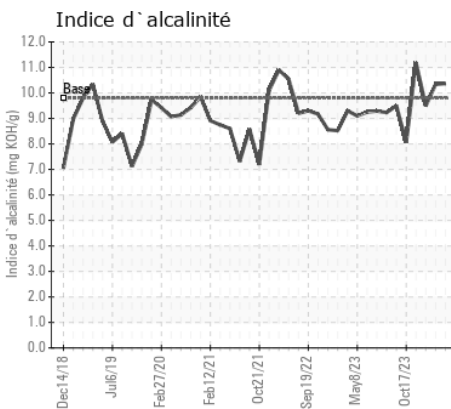
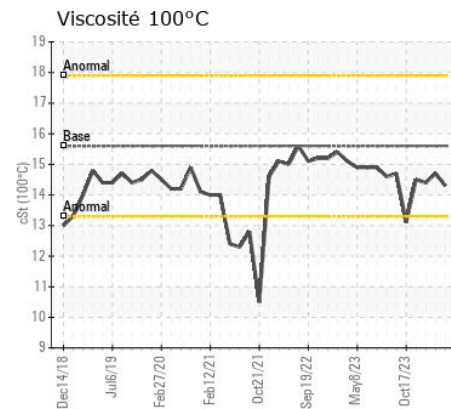
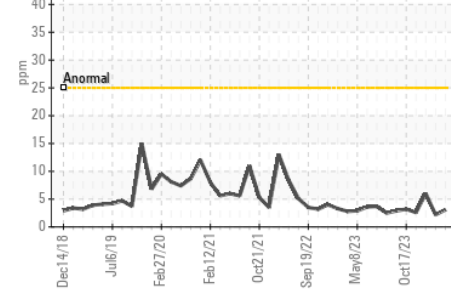
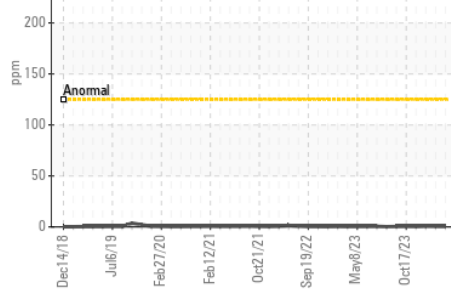
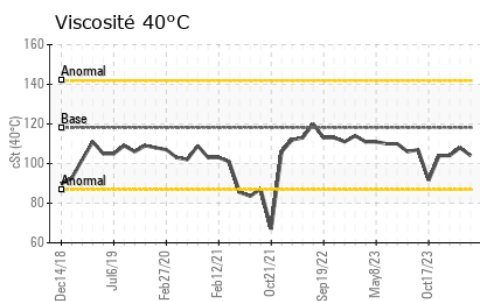
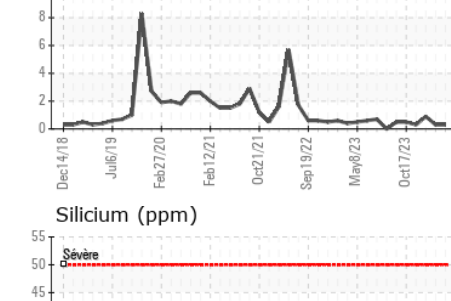
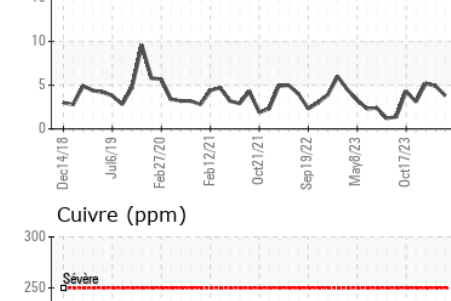
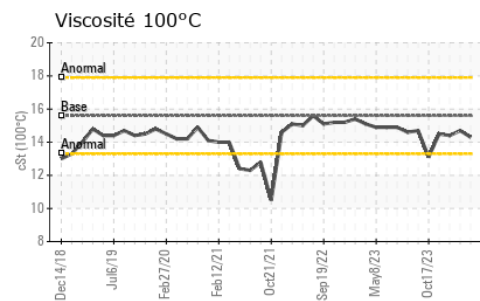
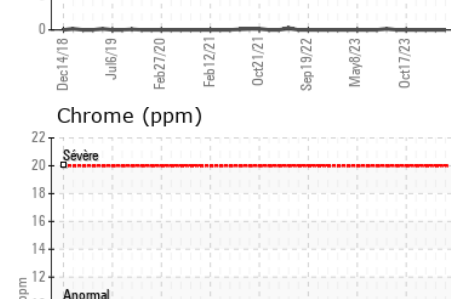
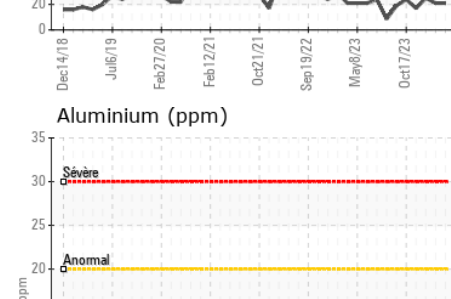
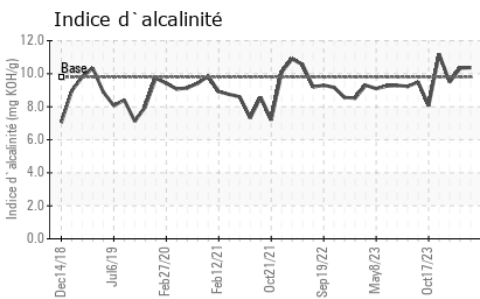
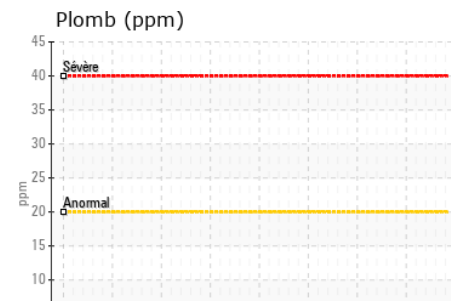
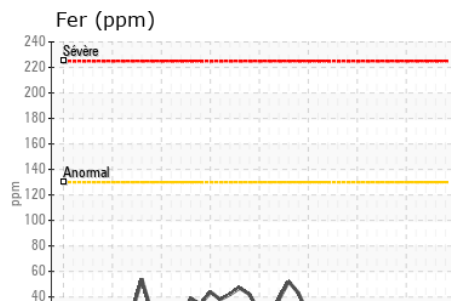
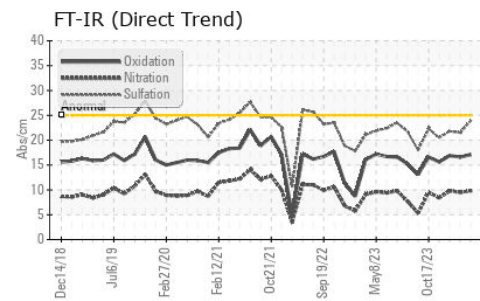
Elevated aluminum (Al) and/or lead (Pb) and potassium (K) levels in your metals analysis are likely a result of solder flux release into the lubricant and is common on new equipment/components. Il n'y a aucun indice de contamination dans l'huile.

Silicium	ppm	ASTM D5185(m)	>25	<b>3</b>	2	6
Potassium	ppm	ASTM D5185(m)	>20	<b>7</b>	6	10
Essence		WC Method	>3.0	<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	0.0
% de suie	%	ASTM D7844*	>6	<b>1.4</b>	1.1	1
Nitration	Abs/cm	ASTM D7624*	>20	<b>9.8</b>	9.5	9.8
Sulfatation	Abs/.1mm	ASTM D7415*	>30	<b>23.9</b>	21.5	21.8
Eau émulsifiée	scalar	Visual*	>0.2	<b>NEG</b>	NEG	NEG

## ÉTAT DU FLUIDE

Le résultat pour le BN indique que la réserve d'alcalinité est acceptable pour l'huile. L'état de l'huile permet d'en prolonger l'utilisation.

Sodium	ppm	ASTM D5185(m)		<b>10</b>	10	14
Bore	ppm	ASTM D5185(m)	0	<b>5</b>	2	2
Baryum	ppm	ASTM D5185(m)	0	<b>0</b>	0	0
Molybdène	ppm	ASTM D5185(m)	60	<b>56</b>	62	60
Manganèse	ppm	ASTM D5185(m)	0	<b>&lt;1</b>	0	0
Magnésium	ppm	ASTM D5185(m)	1010	<b>918</b>	1018	986
Calcium	ppm	ASTM D5185(m)	1070	<b>1402</b>	1149	1217
Phosphore	ppm	ASTM D5185(m)	1150	<b>1065</b>	1045	1052
Zinc	ppm	ASTM D5185(m)	1270	<b>1280</b>	1266	1262
Soufre	ppm	ASTM D5185(m)	2060	<b>2530</b>	2524	2618
Oxydation	Abs/.1mm	ASTM D7414*	>25	<b>17.1</b>	16.6	16.9
Indice d'alcalinité	mg KOH/g	ASTM D2896*	9.8	<b>10.37</b>	10.34	9.49
Visc 40°C	cSt	ASTM D7279(m)	118.2	<b>104</b>	108	104
Visc 100°C	cSt	ASTM D7279(m)	15.6	<b>14.3</b>	14.7	14.4
Indice de viscosité (VI)	Scale	ASTM D2270*	139	<b>140</b>	140	142



ISO 17025:2017  
Accredited  
Laboratory

**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**N° d'échantillon** : PC0086690  
**N° de laboratoire** : 02637084  
**Numéro unique** : 5786246  
**Analyse** : MOB 2 ( Additional Tests: KV40, VI )

**Reçu** : 23 May 2024  
**Tested** : 24 May 2024  
**Diagnostiqué** : 24 May 2024 - Wes Davis

**TRANSDEV ST-JEAN**  
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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.