



# RAPPORT D'ANALYSE D'HUILE

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

Identité de la machine

## INTERNATIONAL 1067

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>PC0082462</b>	PC0082561	PC0073163
Date d'échant.		Client Info		<b>03 Mar 2024</b>	08 Nov 2023	07 Nov 2023
Âge d la Machine	kms	Client Info		<b>278264</b>	227222	227222
Âge de l'huile	kms	Client Info		<b>35394</b>	68058	68058
Âge du filtre	kms	Client Info		<b>35394</b>	68058	68058
Huile changée		Client Info		<b>Not Changd</b>	Not Changd	Not Changd
Filtre changé		Client Info		<b>Not Changd</b>	Not Changd	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>15</b>	25	37
Chrome	ppm	ASTM D5185(m)	>20	<b>0</b>	1	<1
Nickel	ppm	ASTM D5185(m)	>4	<b>0</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>10</b>	5	33
Plomb	ppm	ASTM D5185(m)	>40	<b>0</b>	2	<1
Cuivre	ppm	ASTM D5185(m)	>330	<b>&lt;1</b>	1	2
Étain	ppm	ASTM D5185(m)	>15	<b>0</b>	<1	<1
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	0

#### CONTAMINATION

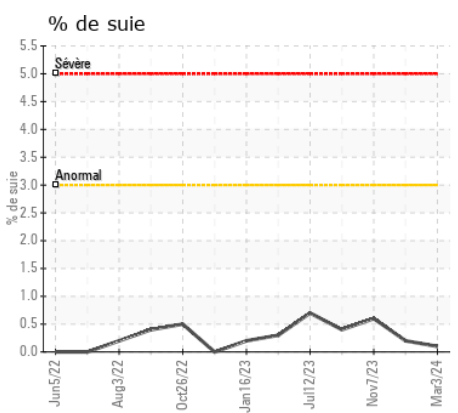
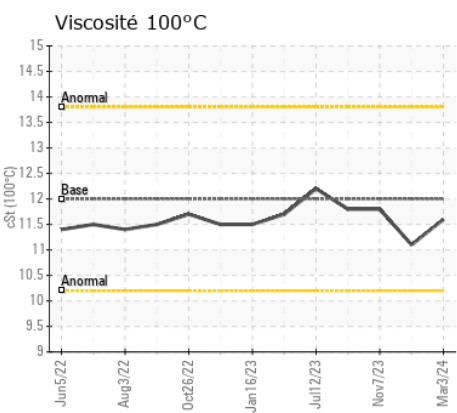
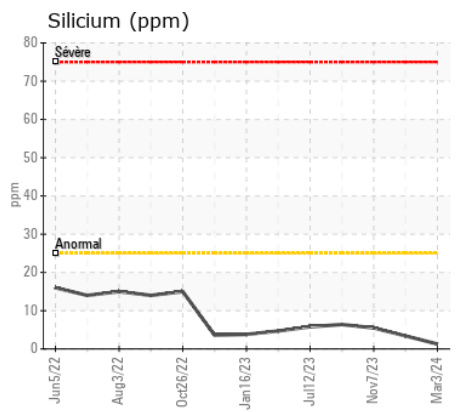
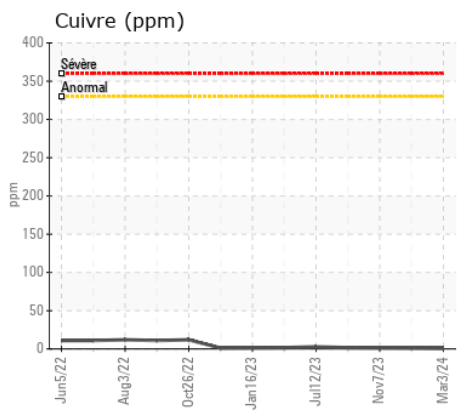
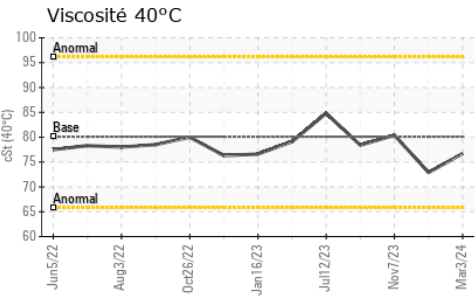
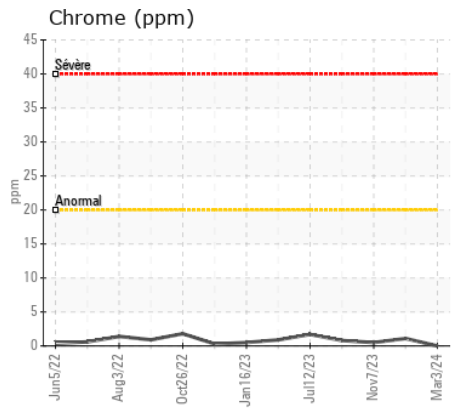
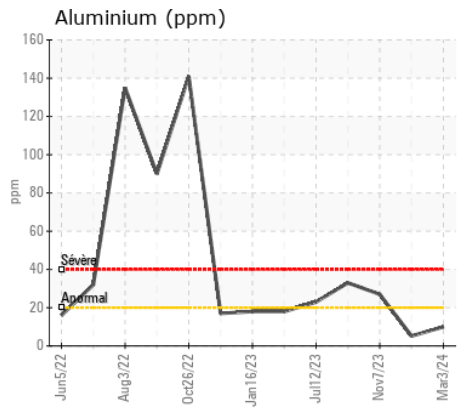
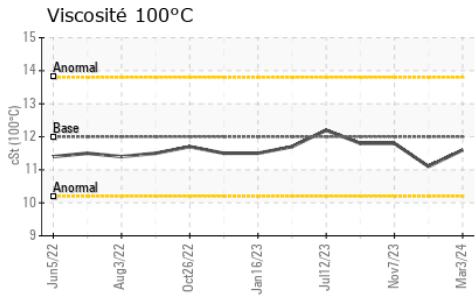
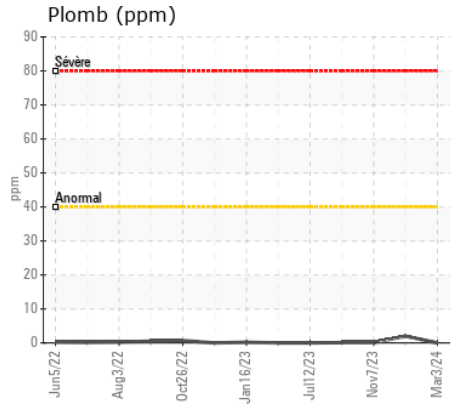
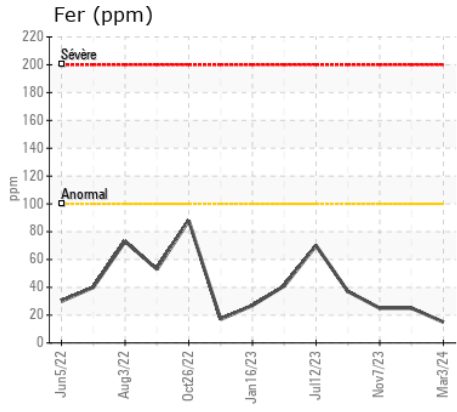
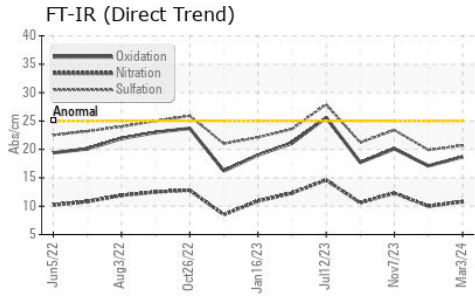
Elevated aluminum (Al) and/or lead (Pb) and potassium (K) levels in your metals analysis are likely a result of solder flux release into the lubricant and is common on new equipment/components. Il n'y a aucun indice de contamination dans l'huile.

Silicium	ppm	ASTM D5185(m)	>25	<b>1</b>	3	6
Potassium	ppm	ASTM D5185(m)	>20	<b>10</b>	3	49
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>0.1</b>	0.2	0.6
Nitration	Abs/cm	ASTM D7624*	>20	<b>10.8</b>	10.0	12.3
Sulfatation	Abs/.1mm	ASTM D7415*	>30	<b>20.7</b>	19.9	23.4
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>1</b>	2	2
Bore	ppm	ASTM D5185(m)	2	<b>1</b>	2	1
Baryum	ppm	ASTM D5185(m)	0	<b>0</b>	0	0
Molybdène	ppm	ASTM D5185(m)	50	<b>60</b>	59	64
Manganèse	ppm	ASTM D5185(m)	0	<b>0</b>	0	0
Magnésium	ppm	ASTM D5185(m)	950	<b>998</b>	955	1048
Calcium	ppm	ASTM D5185(m)	1050	<b>1154</b>	1061	1159
Phosphore	ppm	ASTM D5185(m)	995	<b>1037</b>	1003	1105
Zinc	ppm	ASTM D5185(m)	1180	<b>1266</b>	1167	1288
Soufre	ppm	ASTM D5185(m)	2600	<b>2574</b>	2564	2656
Oxydation	Abs/.1mm	ASTM D7414*	>25	<b>18.7</b>	17.1	20.1
Visc 40°C	cSt	ASTM D7279(m)	80.1	<b>76.7</b>	72.9	80.4
Visc 100°C	cSt	ASTM D7279(m)	12.00	<b>11.6</b>	11.1	11.8
Indice de viscosité (VI)	Scale	ASTM D2270*	144	<b>144</b>	142	140



**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**N° d'échantillon** : PC0082462 **Reçu** : 08 Apr 2024  
**N° de laboratoire** : 02627223 **Tested** : 08 Apr 2024  
**Numéro unique** : 5760355 **Diagnostiqué** : 08 Apr 2024 - Wes Davis  
**Analyse** : MOB 1 ( Additional Tests: KV40, VI )

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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.