



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

Identité de la machine

**VOLVO 2248**

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>PC0073717</b>	PC0041934	---
Date d'échant.		Client Info		<b>10 Nov 2023</b>	17 Jun 2022	---
Âge d la Machine	kms	Client Info		<b>287370</b>	81000	---
Âge de l'huile	kms	Client Info		<b>110014</b>	81000	---
Âge du filtre	kms	Client Info		<b>110014</b>	81000	---
Huile changée		Client Info		<b>Changed</b>	Changed	---
Filtre changé		Client Info		<b>Changed</b>	Changed	---
Statut de l'échant.				<b>NORMAL</b>	NORMAL	---

**USURE**

Les taux d'usure de tous les composants sont normaux.

Fer	ppm	ASTM D5185(m)	>100	<b>72</b>	66	---
Chrome	ppm	ASTM D5185(m)	>20	<b>2</b>	1	---
Nickel	ppm	ASTM D5185(m)	>2	<b>7</b>	9	---
Titane	ppm	ASTM D5185(m)		<b>0</b>	<1	---
Argent	ppm	ASTM D5185(m)	>2	<b>&lt;1</b>	1	---
Aluminium	ppm	ASTM D5185(m)	>25	<b>13</b>	35	---
Plomb	ppm	ASTM D5185(m)	>40	<b>6</b>	5	---
Cuivre	ppm	ASTM D5185(m)	>330	<b>117</b>	63	---
Étain	ppm	ASTM D5185(m)	>15	<b>2</b>	7	---
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	---

**CONTAMINATION**

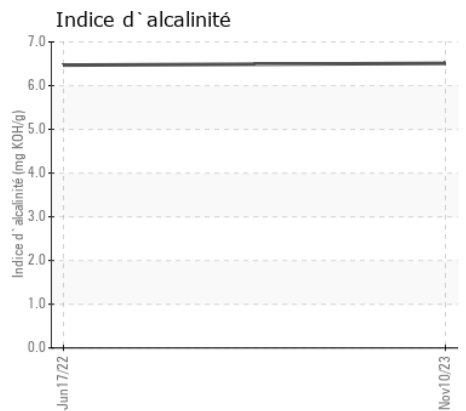
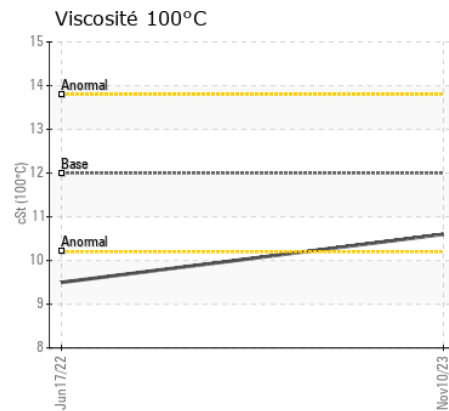
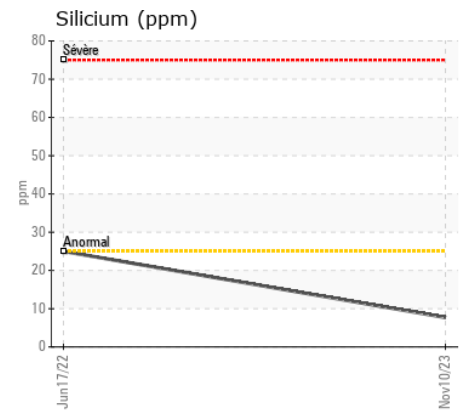
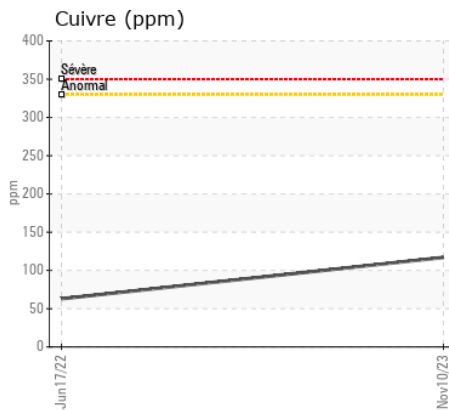
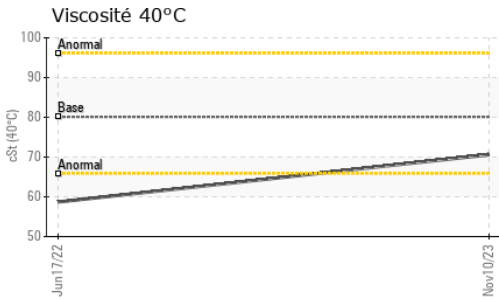
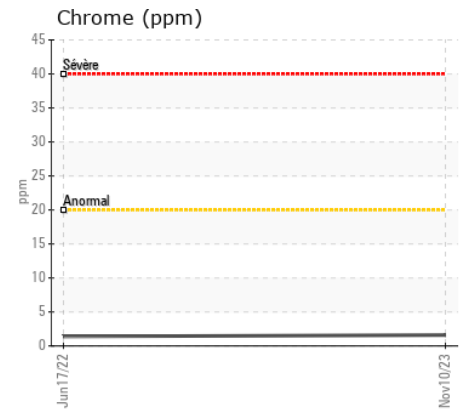
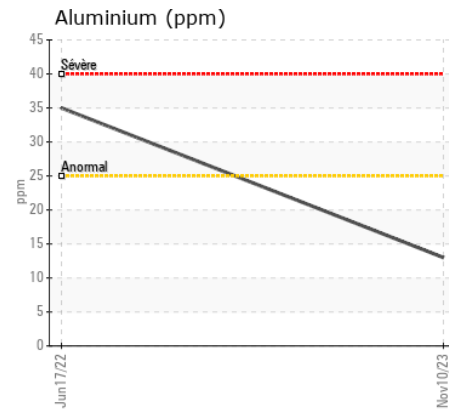
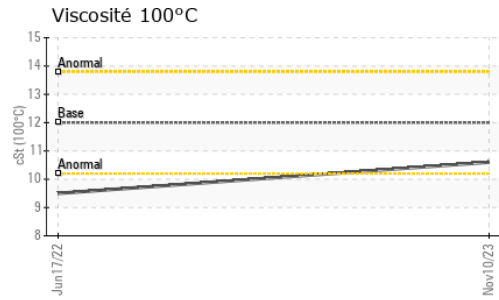
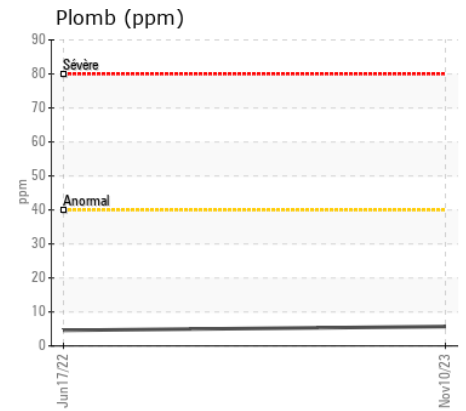
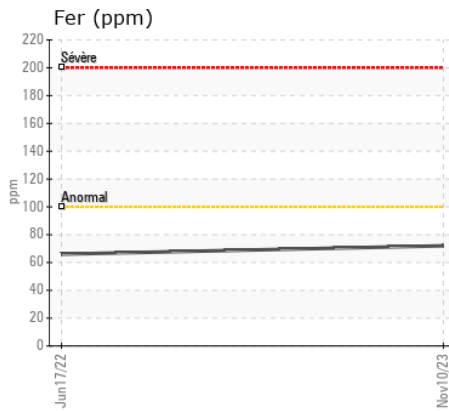
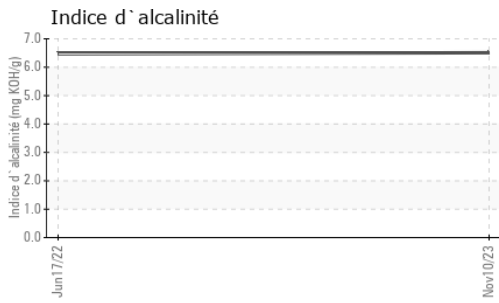
Elevated aluminum (Al) and/or lead (Pb) and potassium (K) levels in your metals analysis are likely a result of solder flux release into the lubricant and is common on new equipment/components. Il n'y a aucun indice de contamination dans l'huile.

Silicium	ppm	ASTM D5185(m)	>25	<b>8</b>	25	---
Potassium	ppm	ASTM D5185(m)	>20	<b>21</b>	86	---
Essence		WC Method	>6.0	<b>&lt;1.0</b>	<1.0	---
L'eau		WC Method	>0.2	<b>NEG</b>	NEG	---
Glycol		WC Method		<b>NEG</b>	NEG	---
% de suie	%	ASTM D7844*	>3	<b>0.5</b>	0.2	---
Nitration	Abs/cm	ASTM D7624*	>20	<b>12.5</b>	13.5	---
Sulfatation	Abs/.1mm	ASTM D7415*	>30	<b>23.9</b>	26.3	---
Eau émulsifiée	scalar	Visual*	>0.2	<b>NEG</b>	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>3</b>	5	---
Bore	ppm	ASTM D5185(m)	2	<b>1</b>	36	---
Baryum	ppm	ASTM D5185(m)	0	<b>0</b>	<1	---
Molybdène	ppm	ASTM D5185(m)	50	<b>62</b>	96	---
Manganèse	ppm	ASTM D5185(m)	0	<b>1</b>	6	---
Magnésium	ppm	ASTM D5185(m)	950	<b>957</b>	711	---
Calcium	ppm	ASTM D5185(m)	1050	<b>1113</b>	1452	---
Phosphore	ppm	ASTM D5185(m)	995	<b>908</b>	743	---
Zinc	ppm	ASTM D5185(m)	1180	<b>1159</b>	840	---
Soufre	ppm	ASTM D5185(m)	2600	<b>1892</b>	1952	---
Oxydation	Abs/.1mm	ASTM D7414*	>25	<b>21.6</b>	25.4	---
Indice d'alcalinité	mg KOH/g	ASTM D2896*		<b>6.51</b>	6.47	---
Visc 40°C	cSt	ASTM D7279(m)	80.1	<b>70.6</b>	58.7	---
Visc 100°C	cSt	ASTM D7279(m)	12.00	<b>10.6</b>	9.5	---
Indice de viscosité (VI)	Scale	ASTM D2270*	144	<b>137</b>	144	---



ISO 17025:2017  
Accredited  
Laboratory

**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**N° d'échantillon** : PC0073717  
**N° de laboratoire** : 02605156  
**Numéro unique** : 5698241  
**Analyse** : MOB 2 ( Additional Tests: KV40, VI )

**Reçu** : 27 Dec 2023  
**Diagnostiqué** : 27 Dec 2023  
**Diagnostiqueur** : Wes Davis

**HUILES DESROCHES INC.**  
 915 RUE PHILIPPE-PARADIS, LOCAL 115  
 QUEBEC, QC  
 CA G1N 4E3

Contact: David Labrecque  
 david.labrecque@groupepedesroches.ca

T: (418)621-5150  
 F: (418)621-0822

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.