



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

Identité de la machine

**VOLVO VNL 2247**

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>PC0073718</b>	PC0041935	PC0041926
Date d'échant.		Client Info		<b>24 Nov 2023</b>	22 Aug 2022	07 Mar 2022
Âge d la Machine	kms	Client Info		<b>333505</b>	132107	54597
Âge de l'huile	kms	Client Info		<b>109143</b>	77500	54597
Âge du filtre	kms	Client Info		<b>109143</b>	77500	54597
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	ABNORMAL

**USURE**

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

Fer	ppm	ASTM D5185(m)	>100	<b>82</b>	57	58
Chrome	ppm	ASTM D5185(m)	>20	<b>1</b>	1	<1
Nickel	ppm	ASTM D5185(m)	>2	<b>2</b>	2	3
Titane	ppm	ASTM D5185(m)		<b>0</b>	<1	0
Argent	ppm	ASTM D5185(m)	>2	<b>&lt;1</b>	0	<1
Aluminium	ppm	ASTM D5185(m)	>25	<b>10</b>	20	20
Plomb	ppm	ASTM D5185(m)	>40	<b>3</b>	7	9
Cuivre	ppm	ASTM D5185(m)	>330	<b>20</b>	154	190
Étain	ppm	ASTM D5185(m)	>15	<b>2</b>	3	7
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	0

**CONTAMINATION**

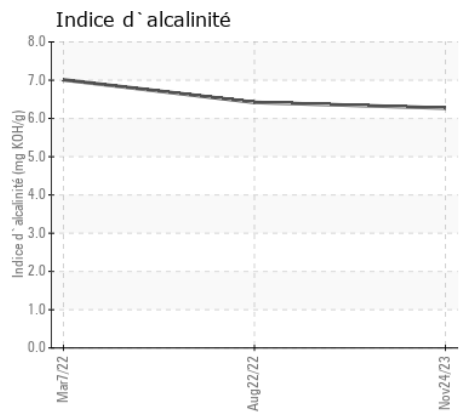
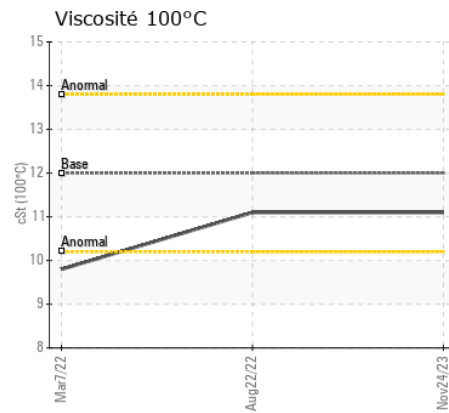
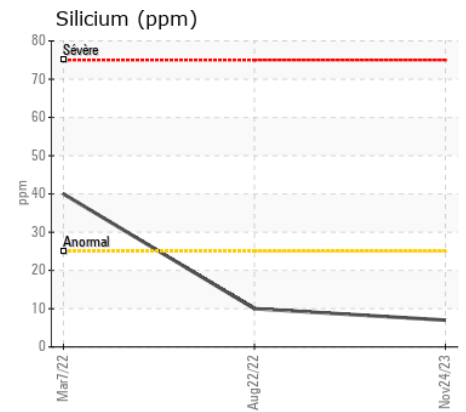
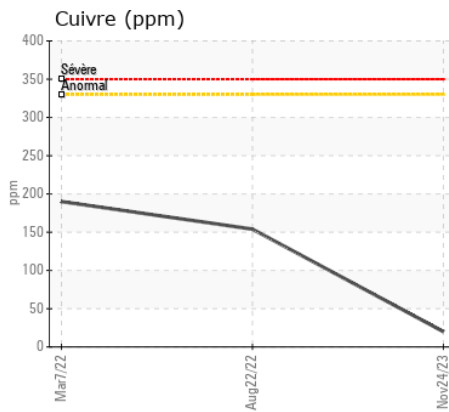
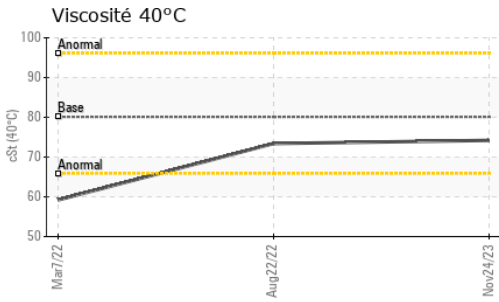
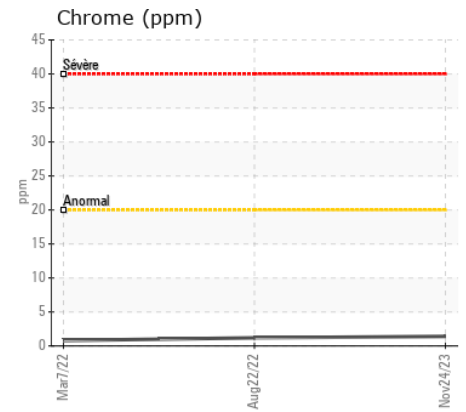
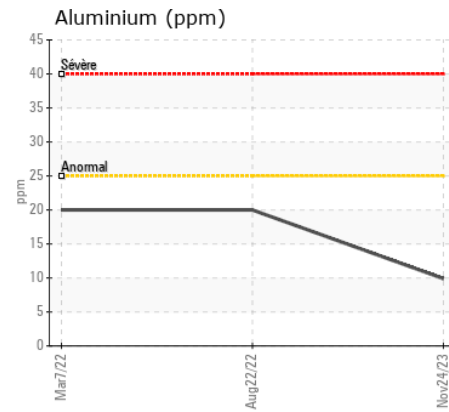
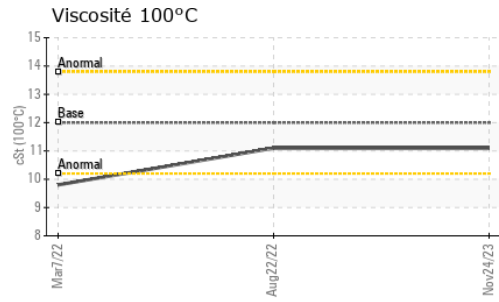
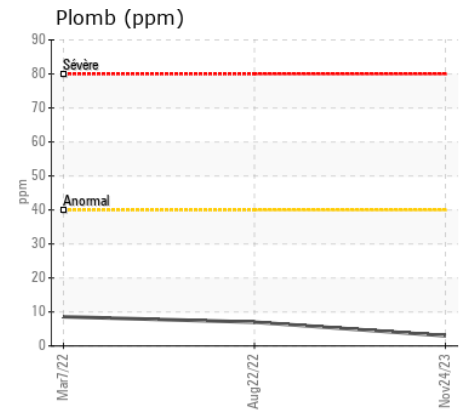
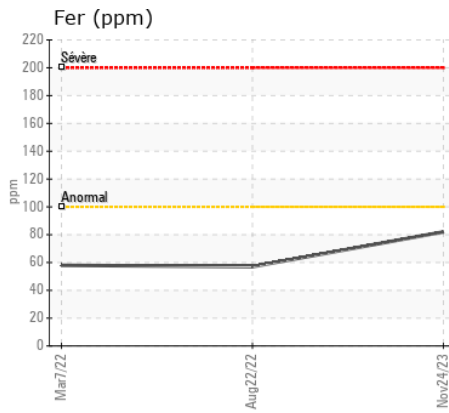
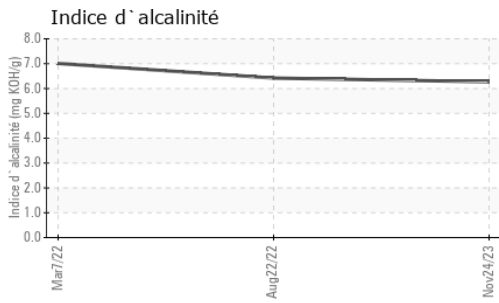
Elevated aluminum (Al) and/or lead (Pb) and potassium (K) levels in your metals analysis are likely a result of solder flux release into the lubricant and is common on new equipment/components. Il n'y a aucun indice de contamination dans l'huile.

Silicium	ppm	ASTM D5185(m)	>25	<b>7</b>	10	40
Potassium	ppm	ASTM D5185(m)	>20	<b>14</b>	50	49
Essence		WC Method	>6.0	<b>&lt;1.0</b>	<1.0	0.6
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>0.9</b>	0.5	0.2
Nitration	Abs/cm	ASTM D7624*	>20	<b>13.9</b>	11.7	11.8
Sulfatation	Abs/.1mm	ASTM D7415*	>30	<b>26.6</b>	24.3	26.0
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>3</b>	4	5
Bore	ppm	ASTM D5185(m)	2	<b>&lt;1</b>	4	127
Baryum	ppm	ASTM D5185(m)	0	<b>0</b>	0	<1
Molybdène	ppm	ASTM D5185(m)	50	<b>61</b>	62	105
Manganèse	ppm	ASTM D5185(m)	0	<b>&lt;1</b>	2	5
Magnésium	ppm	ASTM D5185(m)	950	<b>951</b>	897	766
Calcium	ppm	ASTM D5185(m)	1050	<b>1081</b>	1080	1424
Phosphore	ppm	ASTM D5185(m)	995	<b>974</b>	951	729
Zinc	ppm	ASTM D5185(m)	1180	<b>1203</b>	1114	841
Soufre	ppm	ASTM D5185(m)	2600	<b>2035</b>	1824	1999
Oxydation	Abs/.1mm	ASTM D7414*	>25	<b>24.5</b>	20.9	22.6
Indice d'alcalinité	mg KOH/g	ASTM D2896*		<b>6.27</b>	6.42	7.01
Visc 40°C	cSt	ASTM D7279(m)	80.1	<b>74.2</b>	73.4	▲ 59.2
Visc 100°C	cSt	ASTM D7279(m)	12.00	<b>11.1</b>	11.1	▲ 9.8
Indice de viscosité (VI)	Scale	ASTM D2270*	144	<b>139</b>	141	150



**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**N° d'échantillon** : PC0073718  
**N° de laboratoire** : 02605157  
**Numéro unique** : 5698242  
**Analyse** : MOB 2 ( Additional Tests: KV40, VI )

**HUILES DESROCHES INC.**

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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.