



Identité de la machine

**FREIGHTLINER 3906**

Composant

**Moteur diesel**

Fluide

**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>PC0073275</b>	PC0059046	PC0053641
Date d'échant.		Client Info		<b>21 Jun 2023</b>	13 Jun 2022	20 Dec 2021
Âge d la Machine	kms	Client Info		<b>304396</b>	264614	0
Âge de l'huile	kms	Client Info		<b>17097</b>	37804	0
Âge du filtre	kms	Client Info		<b>17097</b>	37804	0
Huile changée		Client Info		<b>Changed</b>	Changed	N/A
Filtre changé		Client Info		<b>Changed</b>	Changed	N/A
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>10</b>	22	23
Chrome	ppm	ASTM D5185(m)	>20	<b>1</b>	2	3
Nickel	ppm	ASTM D5185(m)	>4	<b>0</b>	0	<1
Titane	ppm	ASTM D5185(m)		<b>0</b>	<1	0
Argent	ppm	ASTM D5185(m)	>3	<b>&lt;1</b>	0	<1
Aluminium	ppm	ASTM D5185(m)	>20	<b>6</b>	16	16
Plomb	ppm	ASTM D5185(m)	>40	<b>&lt;1</b>	<1	<1
Cuivre	ppm	ASTM D5185(m)	>330	<b>7</b>	16	31
Étain	ppm	ASTM D5185(m)	>15	<b>&lt;1</b>	<1	2
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	0

**CONTAMINATION**

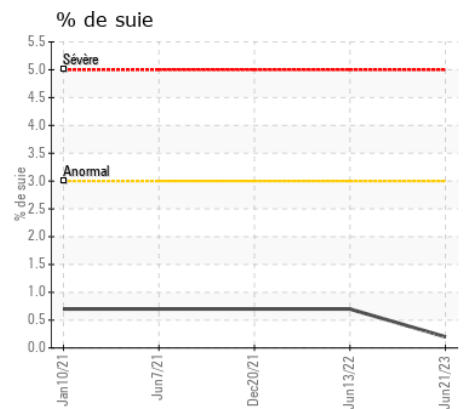
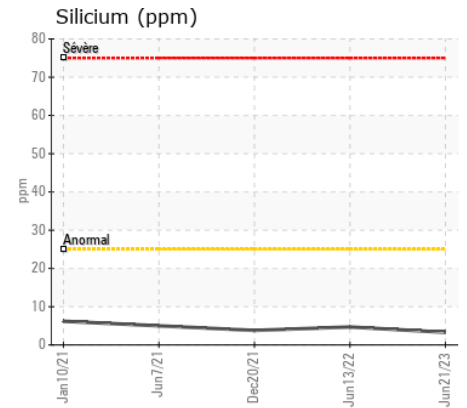
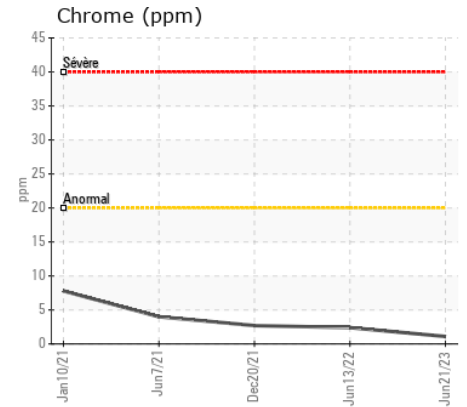
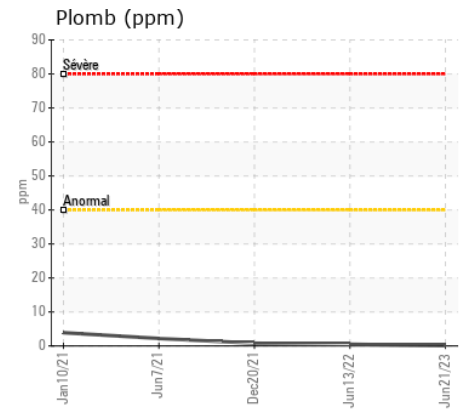
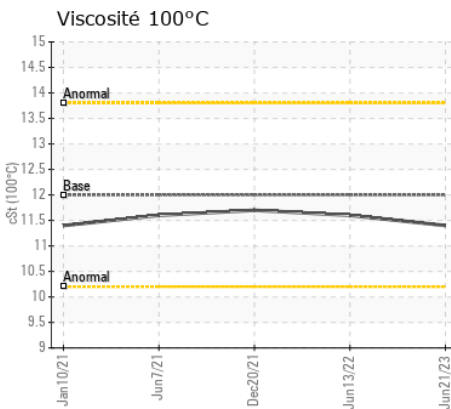
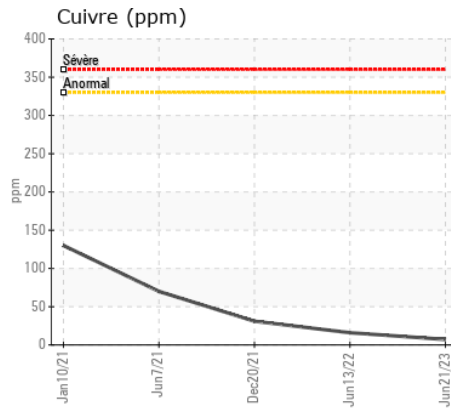
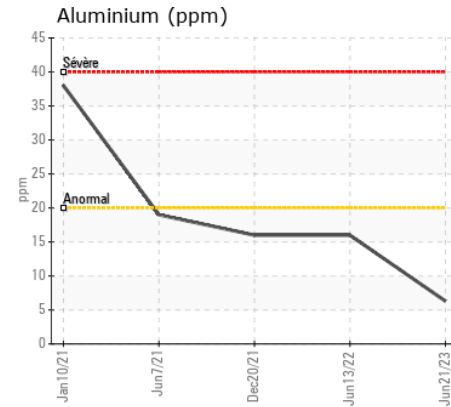
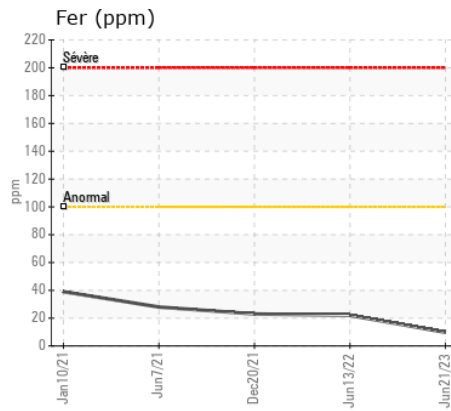
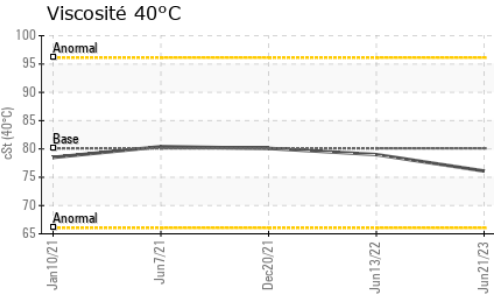
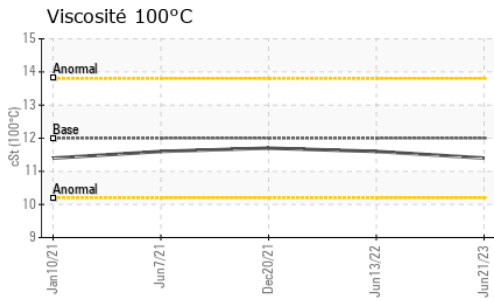
Il n'y a aucun indice de contamination dans l'huile.

Silicium	ppm	ASTM D5185(m)	>25	<b>3</b>	5	4
Potassium	ppm	ASTM D5185(m)	>20	<b>&lt;1</b>	8	18
Essence		WC Method	>5	<b>&lt;1.0</b>	<1.0	<1.0
Glycol		WC Method		<b>NEG</b>	0.0	NEG
% de suie	%	ASTM D7844*	>3	<b>0.2</b>	0.7	0.7
Nitration	Abs/cm	ASTM D7624*	>20	<b>7.8</b>	9.6	9.4
Sulfatation	Abs/.1mm	ASTM D7415*	>30	<b>19.1</b>	23.9	23.1
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>	6	3
Bore	ppm	ASTM D5185(m)	2	<b>2</b>	3	2
Baryum	ppm	ASTM D5185(m)	0	<b>0</b>	0	0
Molybdène	ppm	ASTM D5185(m)	50	<b>60</b>	61	61
Manganèse	ppm	ASTM D5185(m)	0	<b>&lt;1</b>	<1	<1
Magnésium	ppm	ASTM D5185(m)	950	<b>999</b>	965	1032
Calcium	ppm	ASTM D5185(m)	1050	<b>1071</b>	1129	1108
Phosphore	ppm	ASTM D5185(m)	995	<b>1068</b>	905	974
Zinc	ppm	ASTM D5185(m)	1180	<b>1204</b>	1174	1217
Soufre	ppm	ASTM D5185(m)	2600	<b>2529</b>	2244	2028
Oxydation	Abs/.1mm	ASTM D7414*	>25	<b>15.3</b>	17.7	18.4
Visc 40°C	cSt	ASTM D7279(m)	80.1	<b>76.1</b>	79.0	80.1
Visc 100°C	cSt	ASTM D7279(m)	12.00	<b>11.4</b>	11.6	11.7
Indice de viscosité (VI)	Scale	ASTM D2270*	144	<b>141</b>	139	138



**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**N° d'échantillon** : PC0073275 **Reçu** : 11 Jul 2023  
**N° de laboratoire** : 02568966 **Diagnostiqueur** : 11 Jul 2023  
**Numéro unique** : 5606012 **Diagnostiqueur** : Wes Davis  
**Analyse** : MOB 1 ( Additional Tests: KV40, VI )

**LOCATION BROSSARD INC**  
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 DORVAL, QC  
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 Contact: Shawn Lamoureux  
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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.  
 Validity of results and interpretation are based on the sample and information as supplied.

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