



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



Identité de la machine  
**MACK CXU 21**

Composant  
**Moteur diesel**

Fluid  
**PETRO CANADA DURON UHP 5W40 (--- 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>PC0020564</b>	PC0020568	---
Date d'échant.		Client Info		<b>18 Mar 2024</b>	11 Mar 2024	---
Âge d la Machine	hrs	Client Info		<b>14906</b>	14905	---
Âge de l'huile	hrs	Client Info		<b>1</b>	151	---
Âge du filtre	hrs	Client Info		<b>1</b>	151	---
Huile changée		Client Info		<b>Changed</b>	Changed	---
Filtre changé		Client Info		<b>Changed</b>	Changed	---
Statut de l'échant.				<b>NORMAL</b>	ABNORMAL	---

**USURE**

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

Fer	ppm	ASTM D5185(m)	>120	<b>3</b>	11	---
Chrome	ppm	ASTM D5185(m)	>20	<b>0</b>	0	---
Nickel	ppm	ASTM D5185(m)	>15	<b>&lt;1</b>	<1	---
Titane	ppm	ASTM D5185(m)	>2	<b>0</b>	0	---
Argent	ppm	ASTM D5185(m)	>3	<b>0</b>	0	---
Aluminium	ppm	ASTM D5185(m)	>20	<b>2</b>	6	---
Plomb	ppm	ASTM D5185(m)	>40	<b>&lt;1</b>	<1	---
Cuivre	ppm	ASTM D5185(m)	>330	<b>&lt;1</b>	2	---
Étain	ppm	ASTM D5185(m)	>15	<b>0</b>	<1	---
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	---

**CONTAMINATION**

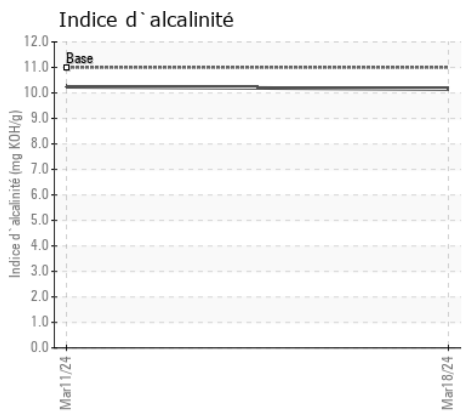
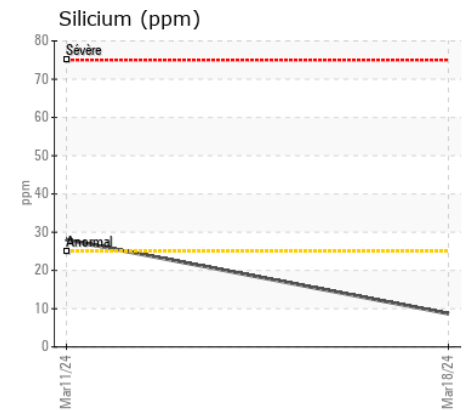
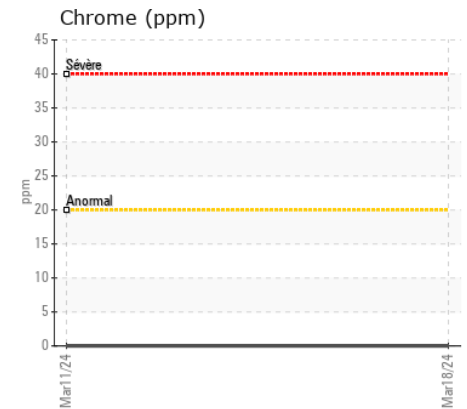
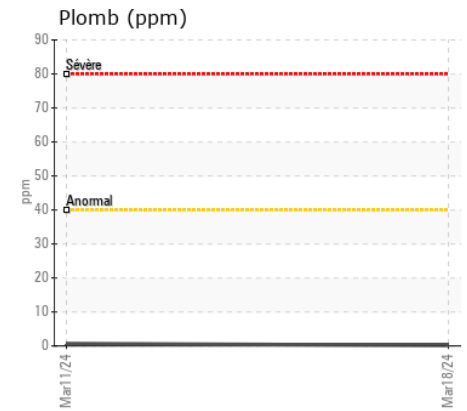
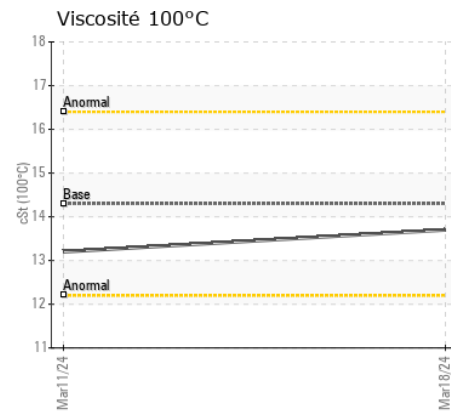
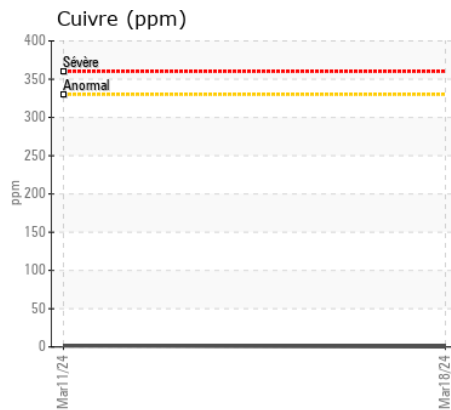
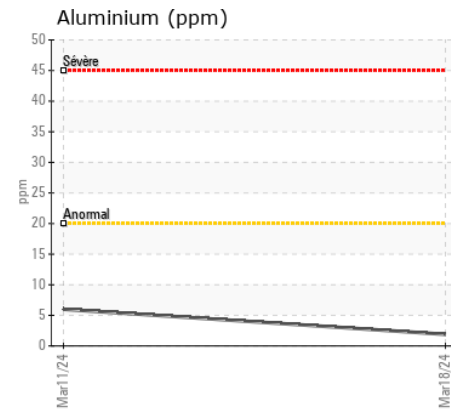
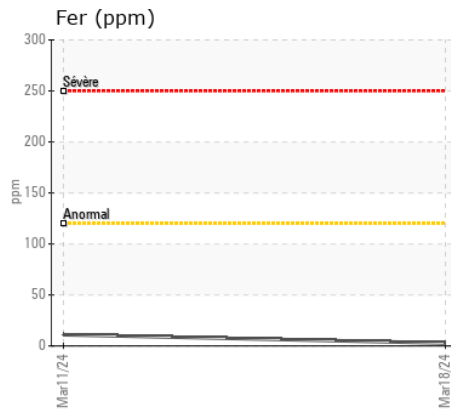
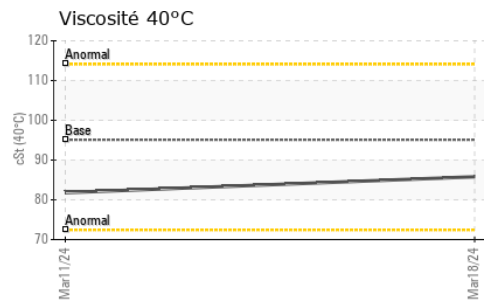
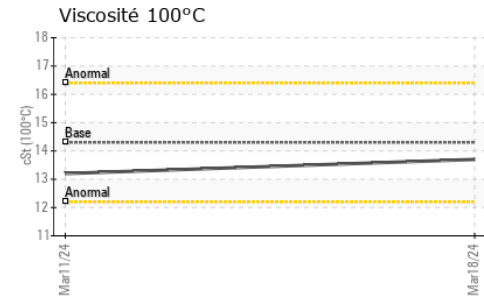
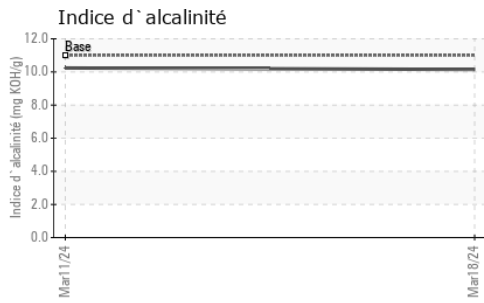
Il n'y a aucun indice de contamination dans l'huile.

Silicium	ppm	ASTM D5185(m)	>25	<b>9</b>	28	---
Potassium	ppm	ASTM D5185(m)	>20	<b>2</b>	12	---
Essence		WC Method	>3.0	<b>&lt;1.0</b>	<1.0	---
L'eau		WC Method	>0.2	<b>NEG</b>	NEG	---
Glycol		WC Method		<b>NEG</b>	0.0	---
% de suie	%	ASTM D7844*	>4	<b>0</b>	0	---
Nitration	Abs/cm	ASTM D7624*	>20	<b>5.8</b>	8.2	---
Sulfatation	Abs/.1mm	ASTM D7415*	>30	<b>19.2</b>	20.6	---
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>6</b>	22	---
Bore	ppm	ASTM D5185(m)	65	<b>49</b>	32	---
Baryum	ppm	ASTM D5185(m)	0	<b>0</b>	0	---
Molybdène	ppm	ASTM D5185(m)	65	<b>54</b>	57	---
Manganèse	ppm	ASTM D5185(m)	0	<b>0</b>	0	---
Magnésium	ppm	ASTM D5185(m)	1160	<b>959</b>	1000	---
Calcium	ppm	ASTM D5185(m)	820	<b>887</b>	854	---
Phosphore	ppm	ASTM D5185(m)	1160	<b>951</b>	958	---
Zinc	ppm	ASTM D5185(m)	1260	<b>1087</b>	1127	---
Soufre	ppm	ASTM D5185(m)	3000	<b>2780</b>	2763	---
Oxydation	Abs/.1mm	ASTM D7414*	>25	<b>15.8</b>	17.9	---
Indice d'alcalinité	mg KOH/g	ASTM D2896*	11.0	<b>10.15</b>	10.24	---
Visc 40°C	cSt	ASTM D7279(m)	95.1	<b>85.8</b>	81.8	---
Visc 100°C	cSt	ASTM D7279(m)	14.3	<b>13.7</b>	13.2	---
Indice de viscosité (VI)	Scale	ASTM D2270*	169	<b>163</b>	163	---



ISO 17025:2017  
Accredited  
Laboratory

**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9

**N° d'échantillon** : PC0020564

**N° de laboratoire** : 02622959

**Numéro unique** : 5748078

**Analyse** : MOB 2 ( Additional Tests: KV40, VI )

**Reçu** : 19 Mar 2024

**Tested** : 20 Mar 2024

**Diagnostiqué** : 20 Mar 2024 - Kevin Marson

**CONSTRUCTION ET PAVAGE PORTNEUF INC**

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F:

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.