



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



Identité de la machine  
**MACK 4128**  
 Composant  
**Moteur diesel**  
 Fluid  
**CHEVRON DELO 400 SAE 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>PC0075900</b>	---	---
Date d'échant.		Client Info		<b>18 Jun 2024</b>	---	---
Âge d la Machine	kms	Client Info		<b>37667</b>	---	---
Âge de l'huile	kms	Client Info		<b>22090</b>	---	---
Âge du filtre	kms	Client Info		<b>22090</b>	---	---
Huile changée		Client Info		<b>Changed</b>	---	---
Filtre changé		Client Info		<b>Changed</b>	---	---
Statut de l'échant.				<b>NORMAL</b>	---	---

**USURE**

Les taux de métaux sont typiques pour la période de rodage d'un nouveau composant.

Fer	ppm	ASTM D5185(m)	>120	<b>24</b>	---	---
Chrome	ppm	ASTM D5185(m)	>20	<b>&lt;1</b>	---	---
Nickel	ppm	ASTM D5185(m)	>5	<b>3</b>	---	---
Titane	ppm	ASTM D5185(m)	>2	<b>0</b>	---	---
Argent	ppm	ASTM D5185(m)	>2	<b>1</b>	---	---
Aluminium	ppm	ASTM D5185(m)	>20	<b>7</b>	---	---
Plomb	ppm	ASTM D5185(m)	>40	<b>0</b>	---	---
Cuivre	ppm	ASTM D5185(m)	>330	<b>11</b>	---	---
Étain	ppm	ASTM D5185(m)	>15	<b>1</b>	---	---
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	---	---
Métal blanc	scalar	Visual*	NONE	<b>NONE</b>	---	---
Bronze	scalar	Visual*	NONE	<b>NONE</b>	---	---

**CONTAMINATION**

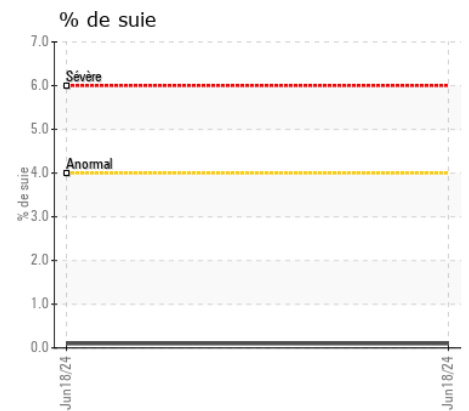
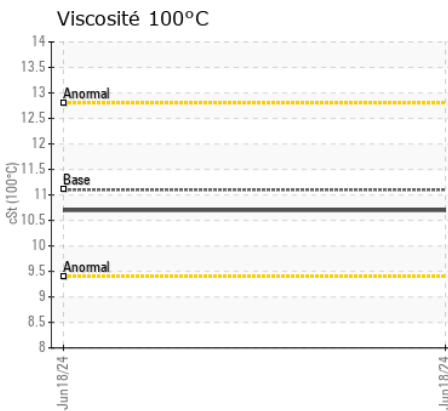
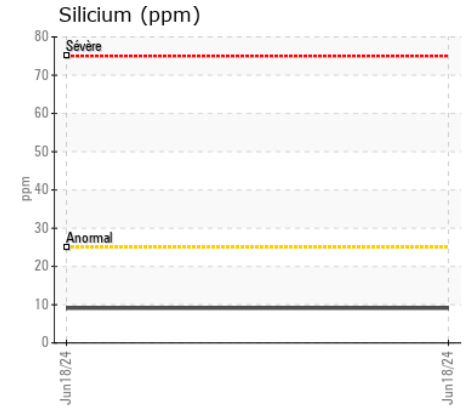
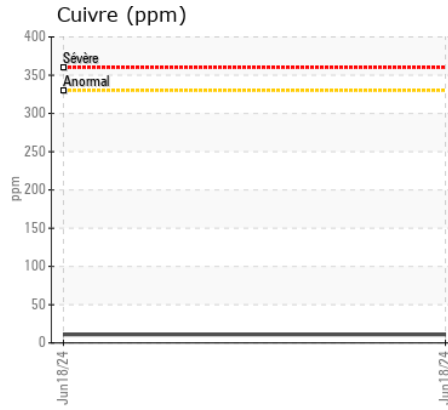
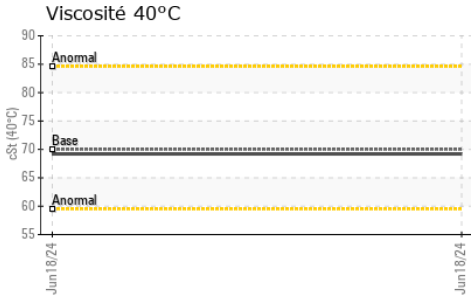
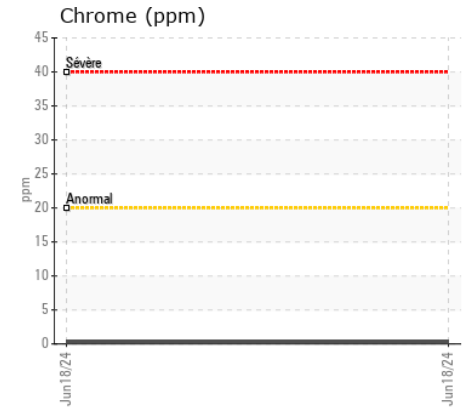
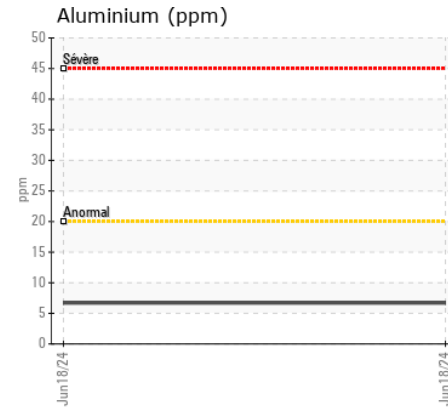
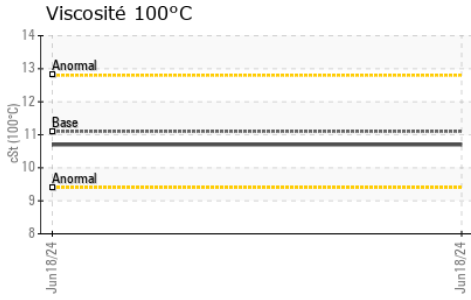
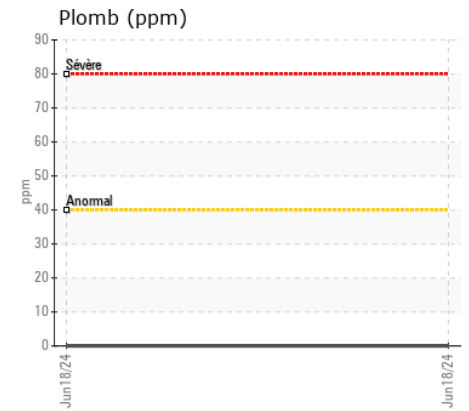
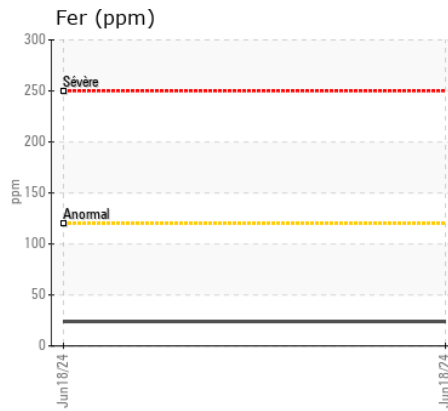
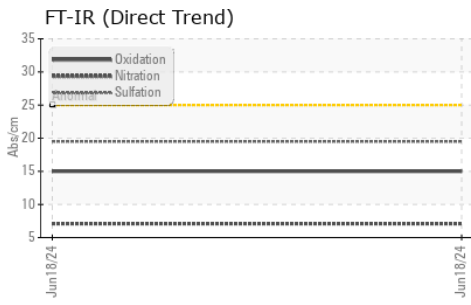
Elevated aluminum (Al) and/or lead (Pb) and potassium (K) levels in your metals analysis are likely a result of solder flux release into the lubricant and is common on new equipment/components. Il n'y a aucun indice de contamination dans l'huile.

Silicium	ppm	ASTM D5185(m)	>25	<b>9</b>	---	---
Potassium	ppm	ASTM D5185(m)	>20	<b>14</b>	---	---
Essence		WC Method	>3.0	<b>&lt;1.0</b>	---	---
L'eau		WC Method	>0.2	<b>NEG</b>	---	---
Glycol		WC Method		<b>NEG</b>	---	---
% de suie	%	ASTM D7844*	>4	<b>0.1</b>	---	---
Nitration	Abs/cm	ASTM D7624*	>20	<b>7.1</b>	---	---
Sulfatation	Abs/.1mm	ASTM D7415*	>30	<b>19.5</b>	---	---
Limon	scalar	Visual*	NONE	<b>NONE</b>	---	---
Débris	scalar	Visual*	NONE	<b>NONE</b>	---	---
Saleté	scalar	Visual*	NONE	<b>NONE</b>	---	---
Apparence	scalar	Visual*	NORML	<b>NORML</b>	---	---
Odeur	scalar	Visual*	NORML	<b>NORML</b>	---	---
Eau émulsifiée	scalar	Visual*	>0.2	<b>NEG</b>	---	---

**ÉTAT DU FLUIDE**

L'état de l'huile est acceptable pour la durée de service.

Sodium	ppm	ASTM D5185(m)		<b>2</b>	---	---
Bore	ppm	ASTM D5185(m)		<b>23</b>	---	---
Baryum	ppm	ASTM D5185(m)		<b>&lt;1</b>	---	---
Molybdène	ppm	ASTM D5185(m)		<b>64</b>	---	---
Manganèse	ppm	ASTM D5185(m)		<b>1</b>	---	---
Magnésium	ppm	ASTM D5185(m)		<b>904</b>	---	---
Calcium	ppm	ASTM D5185(m)		<b>1085</b>	---	---
Phosphore	ppm	ASTM D5185(m)	1260	<b>958</b>	---	---
Zinc	ppm	ASTM D5185(m)	1400	<b>1139</b>	---	---
Soufre	ppm	ASTM D5185(m)		<b>2520</b>	---	---
Oxydation	Abs/.1mm	ASTM D7414*	>25	<b>15.0</b>	---	---
Visc 40°C	cSt	ASTM D7279(m)	70	<b>69.2</b>	---	---
Visc 100°C	cSt	ASTM D7279(m)	11.1	<b>10.7</b>	---	---
Indice de viscosité (VI)	Scale	ASTM D2270*	150	<b>143</b>	---	---



ISO 17025:2017  
Accredited  
Laboratory

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

**N° d'échantillon** : PC0075900

**N° de laboratoire** : 02643610

**Numéro unique** : 5801149

**Analyse** : MOB 1 ( Additional Tests: KV40, VI, Visual )

**Reçu** : 24 Jun 2024

**Tested** : 24 Jun 2024

**Diagnostiqué** : 24 Jun 2024 - Kevin Marson

**LOCATION BROSSARD INC**

2190 HYMUS

DORVAL, QC

CA H9P 1J7

Contact: Shawn Lamoureux

slamoureux@brossard.com

T:

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.