



RAPPORT D'ANALYSE D'HUILE

USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL

Secteur
[208103]
 Identité de la machine

72
 Composant
Moteur diesel

Fluid
{not provided} (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		CU0022683	---	---
Date d'échant.		Client Info		12 Mar 2024	---	---
Âge d la Machine	kms	Client Info		242869	---	---
Âge de l'huile	kms	Client Info		0	---	---
Âge du filtre	kms	Client Info		0	---	---
Huile changée		Client Info		N/A	---	---
Filtre changé		Client Info		N/A	---	---
Statut de l'échant.				NORMAL	---	---

USURE

All component wear rates are normal.

Fer	ppm	ASTM D5185(m)	>90	21	---	---
Chrome	ppm	ASTM D5185(m)	>20	2	---	---
Nickel	ppm	ASTM D5185(m)	>2	<1	---	---
Titane	ppm	ASTM D5185(m)	>2	0	---	---
Argent	ppm	ASTM D5185(m)	>2	0	---	---
Aluminium	ppm	ASTM D5185(m)	>20	4	---	---
Plomb	ppm	ASTM D5185(m)	>40	<1	---	---
Cuivre	ppm	ASTM D5185(m)	>330	2	---	---
Étain	ppm	ASTM D5185(m)	>15	<1	---	---
Vanadium	ppm	ASTM D5185(m)		0	---	---
Métal blanc	scalar	Visual*	NONE	NONE	---	---
Bronze	scalar	Visual*	NONE	NONE	---	---

CONTAMINATION

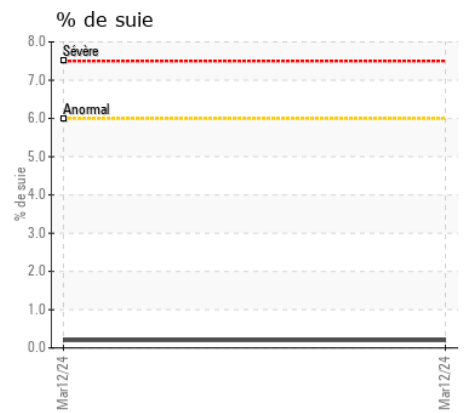
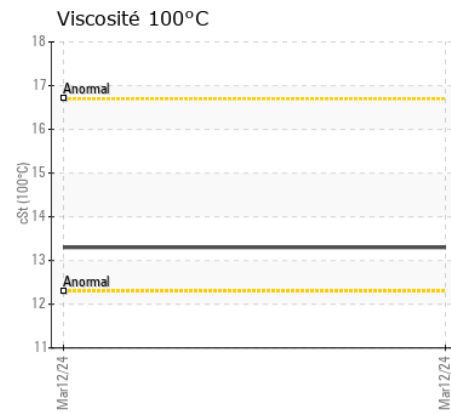
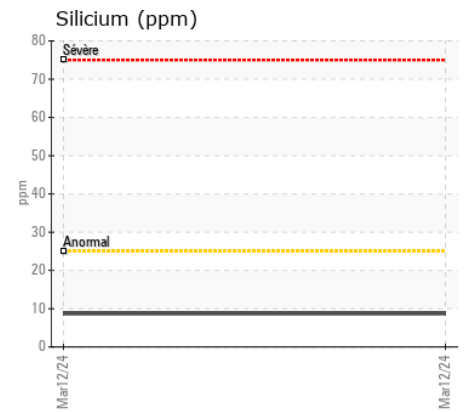
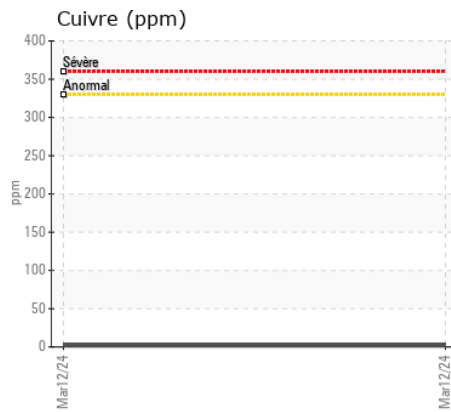
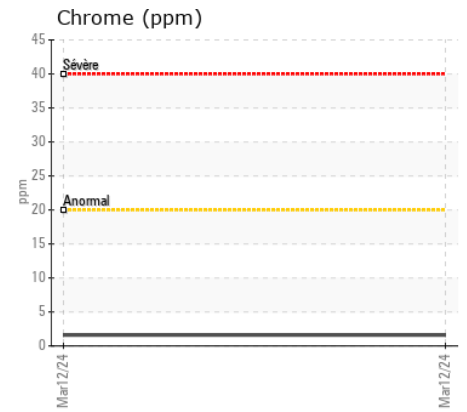
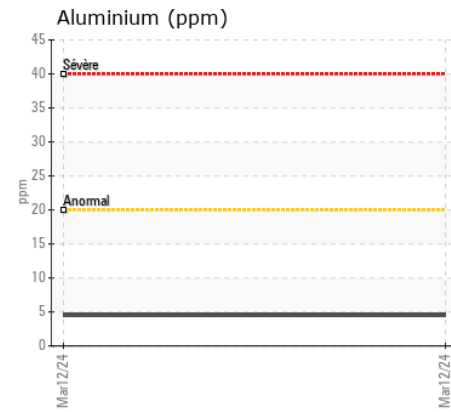
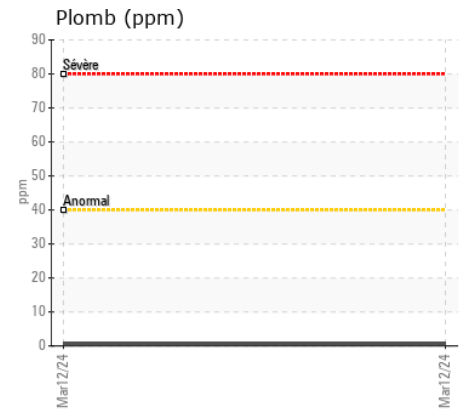
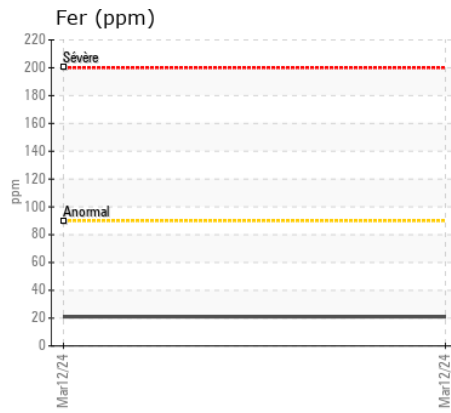
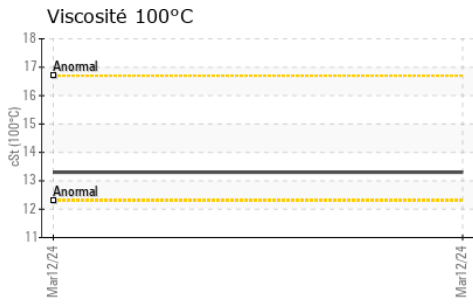
Elevated aluminum (Al) and/or lead (Pb) and potassium (K) levels in your metals analysis are likely a result of solder flux release into the lubricant and is common on new equipment/components. There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>25	9	---	---
Potassium	ppm	ASTM D5185(m)	>20	14	---	---
Essence		WC Method	>3.0	<1.0	---	---
L'eau		WC Method	>0.2	NEG	---	---
Glycol		WC Method		NEG	---	---
% de suie	%	ASTM D7844*	>6	0.2	---	---
Nitration	Abs/cm	ASTM D7624*	>20	9.4	---	---
Sulfatation	Abs/.1mm	ASTM D7415*	>30	22.8	---	---
Limon	scalar	Visual*	NONE	NONE	---	---
Débris	scalar	Visual*	NONE	NONE	---	---
Saleté	scalar	Visual*	NONE	NONE	---	---
Apparence	scalar	Visual*	NORML	NORML	---	---
Odeur	scalar	Visual*	NORML	NORML	---	---
Eau émulsifiée	scalar	Visual*	>0.2	NEG	---	---

ÉTAT DU FLUIDE

The condition of the oil is acceptable for the time in service.

Sodium	ppm	ASTM D5185(m)		9	---	---
Bore	ppm	ASTM D5185(m)		28	---	---
Baryum	ppm	ASTM D5185(m)		0	---	---
Molybdène	ppm	ASTM D5185(m)		47	---	---
Manganèse	ppm	ASTM D5185(m)		0	---	---
Magnésium	ppm	ASTM D5185(m)		487	---	---
Calcium	ppm	ASTM D5185(m)		1728	---	---
Phosphore	ppm	ASTM D5185(m)		751	---	---
Zinc	ppm	ASTM D5185(m)		904	---	---
Soufre	ppm	ASTM D5185(m)		2153	---	---
Oxydation	Abs/.1mm	ASTM D7414*	>25	22.2	---	---
Visc 100°C	cSt	ASTM D7279(m)		13.3	---	---



Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : CU0022683 **Reçu** : 14 Mar 2024
N° de laboratoire : 02621946 **Tested** : 14 Mar 2024
Numéro unique : 5747065 **Diagnostiqué** : 14 Mar 2024 - Kevin Marson
Analyse : MOB 1 (Additional Tests: Visual)

CUMMINS CANADA ULC
 7200 TRANS CANADA HWY.
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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.