



RAPPORT D'ANALYSE D'HUILE

USURE	NORMAL
CONTAMINATION	ANORMAL
ÉTAT DU FLUIDE	NORMAL

Secteur
[102007]
 Identité de la machine
6706

Composant
Moteur diesel
 Fluide
DIESEL ENGINE OIL SAE 15W40 (--- GAL)

RECOMMENDATION

Check for low coolant level. We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		CU0021058	---	---
Date d'échant.		Client Info		22 Apr 2023	---	---
Âge d la Machine	kms	Client Info		126449	---	---
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.				ABNORMAL	---	---

USURE

All component wear rates are normal.

Fer	ppm	ASTM D5185(m)	>100	4	---	---
Chrome	ppm	ASTM D5185(m)	>20	0	---	---
Nickel	ppm	ASTM D5185(m)	>4	0	---	---
Titane	ppm	ASTM D5185(m)		0	---	---
Argent	ppm	ASTM D5185(m)	>3	<1	---	---
Aluminium	ppm	ASTM D5185(m)	>20	<1	---	---
Plomb	ppm	ASTM D5185(m)	>40	1	---	---
Cuivre	ppm	ASTM D5185(m)	>330	2	---	---
Étain	ppm	ASTM D5185(m)	>15	0	---	---
Vanadium	ppm	ASTM D5185(m)		0	---	---

CONTAMINATION

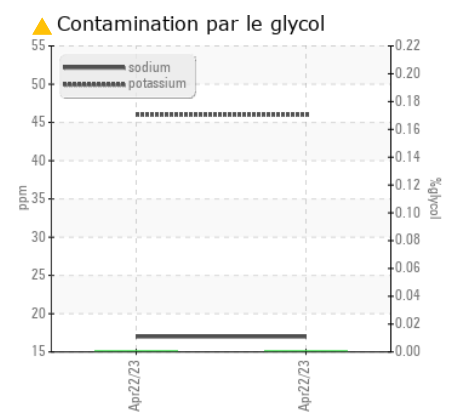
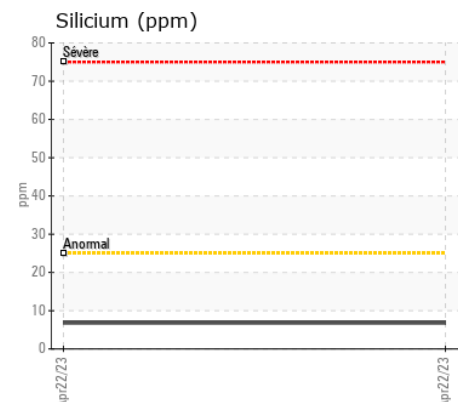
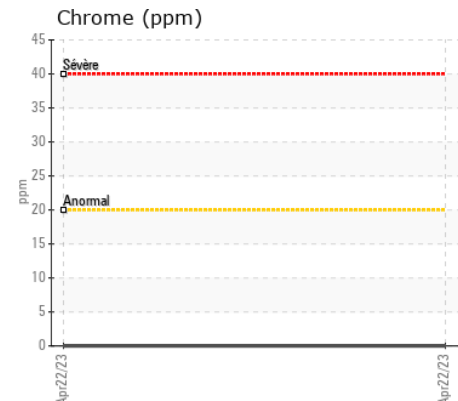
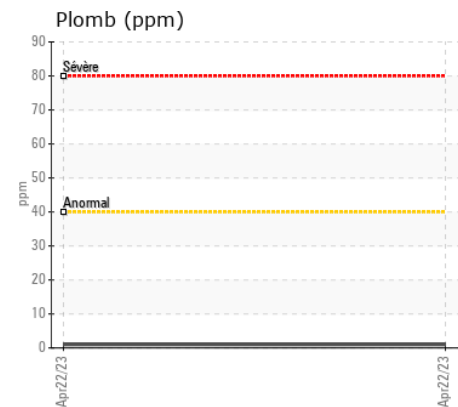
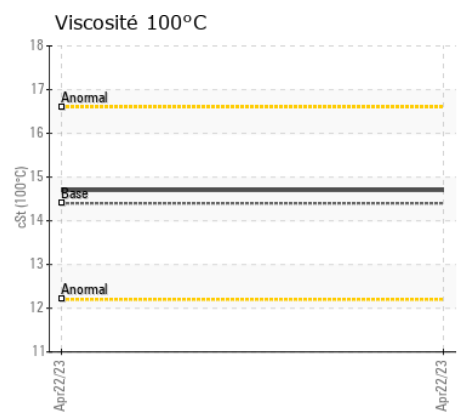
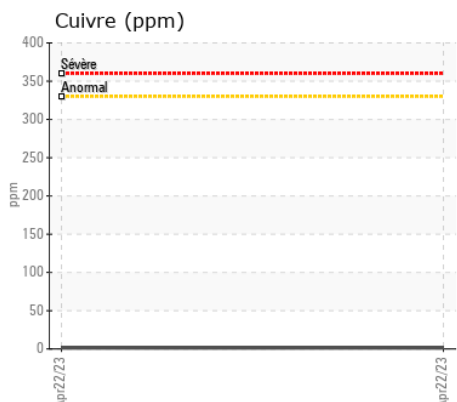
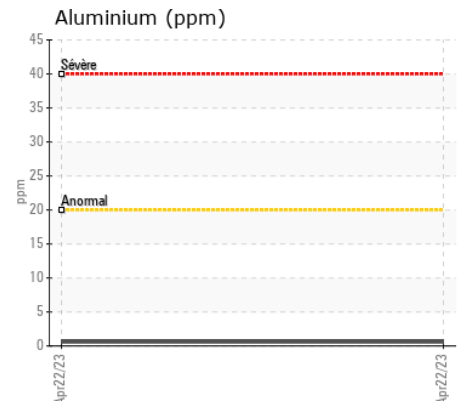
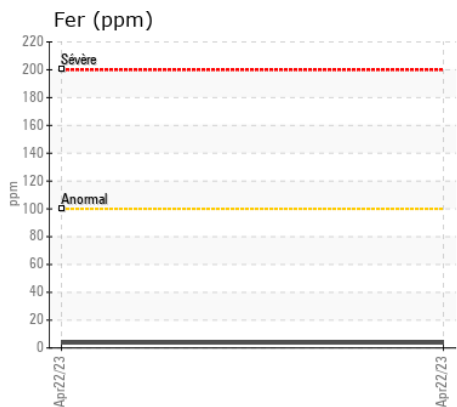
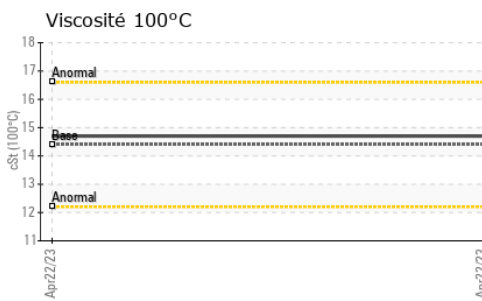
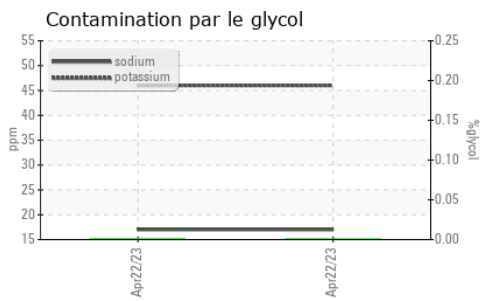
Water treatment chemicals present, indicating slow coolant leak. Test for glycol is negative.

Silicium	ppm	ASTM D5185(m)	>25	7	---	---
Potassium	ppm	ASTM D5185(m)	>20	▲ 46	---	---
Essence		WC Method	>5	<1.0	---	---
Glycol	%	ASTM D7922*		0.0	---	---
% de suie	%	ASTM D7844*	>3	0.1	---	---
Nitration	Abs/cm	ASTM D7624*	>20	4.7	---	---
Sulfatation	Abs/.1mm	ASTM D7415*	>30	18.0	---	---
Eau émulsifiée	scalar	Visual*	>0.2	NEG	---	---

ÉTAT DU FLUIDE

The condition of the oil is acceptable for the time in service (see recommendation).

Sodium	ppm	ASTM D5185(m)	>158	17	---	---
Bore	ppm	ASTM D5185(m)	250	2	---	---
Baryum	ppm	ASTM D5185(m)	10	0	---	---
Molybdène	ppm	ASTM D5185(m)	100	60	---	---
Manganèse	ppm	ASTM D5185(m)		0	---	---
Magnésium	ppm	ASTM D5185(m)	450	952	---	---
Calcium	ppm	ASTM D5185(m)	3000	1038	---	---
Phosphore	ppm	ASTM D5185(m)	1150	995	---	---
Zinc	ppm	ASTM D5185(m)	1350	1161	---	---
Soufre	ppm	ASTM D5185(m)	4250	2576	---	---
Oxydation	Abs/.1mm	ASTM D7414*	>25	12.7	---	---
Visc 100°C	cSt	ASTM D7279(m)	14.4	14.7	---	---



Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : CU0021058
N° de laboratoire : 02584828
Numéro unique : 5645893
Analyse : MOB 1 (Additional Tests: Glycol)

CUMMINS EASTERN CANADA LP
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 OTTAWA, ON
 CA K1G 3W5
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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.