



RAPPORT D'ANALYSE D'HUILE

USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL

Secteur

[104101]

Identité de la machine

5117A

Composant

Moteur diesel

Fluid

DIESEL ENGINE OIL SAE 15W40 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		CU0023412	CU0013746	---
Date d'échant.		Client Info		22 Jun 2024	21 Jul 2018	---
Âge d la Machine	hrs	Client Info		533	337	---
Âge de l'huile	hrs	Client Info		0	0	---
Âge du filtre	hrs	Client Info		0	0	---
Huile changée		Client Info		Changed	N/A	---
Filtre changé		Client Info		Changed	N/A	---
Statut de l'échant.				NORMAL	NORMAL	---

USURE

Metal levels are typical for a new component breaking in.

Fer	ppm	ASTM D5185(m)	>100	2	3	---
Chrome	ppm	ASTM D5185(m)	>20	0	0	---
Nickel	ppm	ASTM D5185(m)	>4	<1	0	---
Titane	ppm	ASTM D5185(m)		0	36	---
Argent	ppm	ASTM D5185(m)	>3	0	0	---
Aluminium	ppm	ASTM D5185(m)	>20	<1	2	---
Plomb	ppm	ASTM D5185(m)	>40	1	4	---
Cuivre	ppm	ASTM D5185(m)	>330	1	4	---
Étain	ppm	ASTM D5185(m)	>15	<1	<1	---
Vanadium	ppm	ASTM D5185(m)		0	<1	---

CONTAMINATION

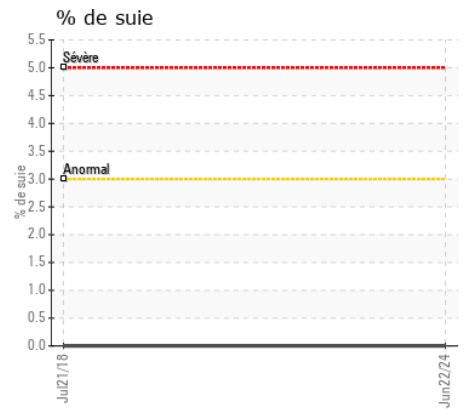
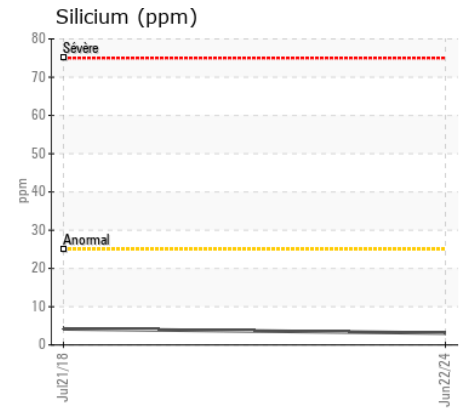
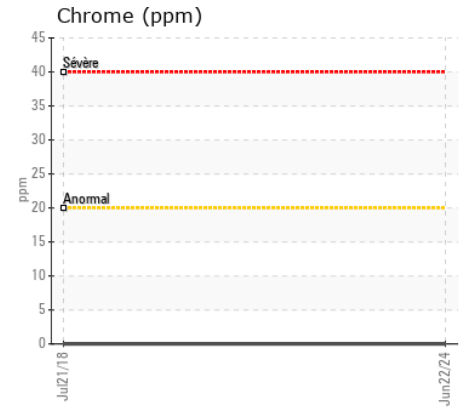
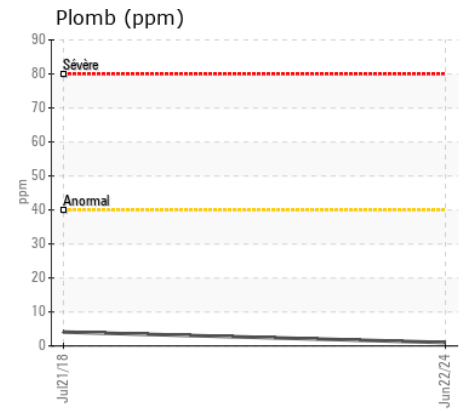
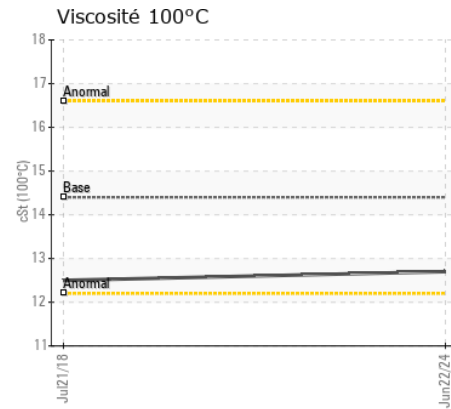
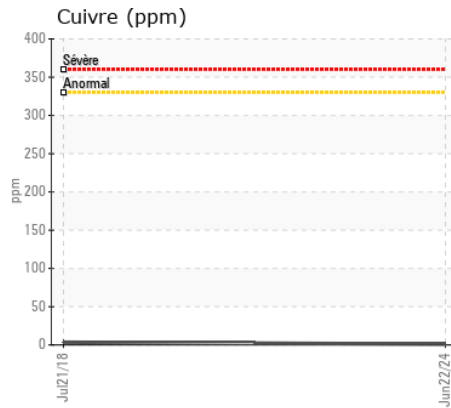
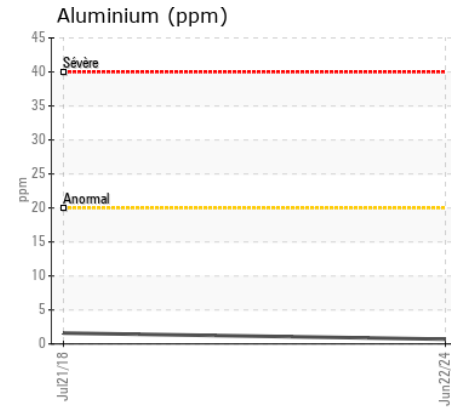
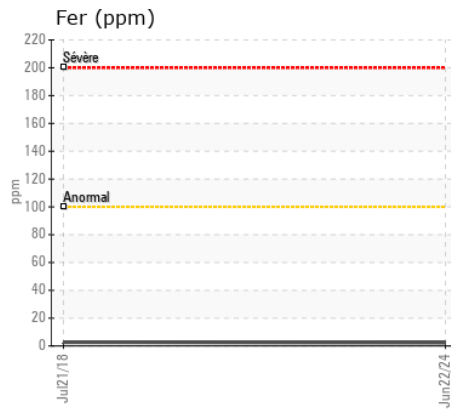
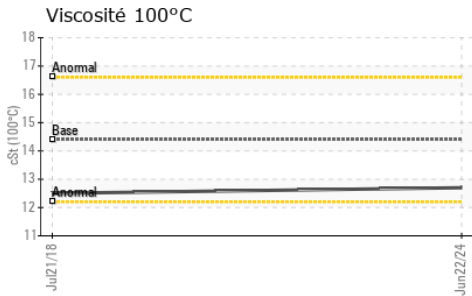
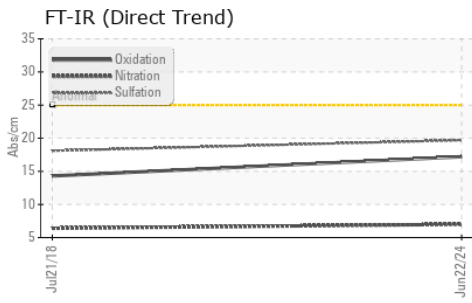
There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>25	3	4	---
Potassium	ppm	ASTM D5185(m)	>20	0	0	---
Essence		WC Method	>5	<1.0	<1.0	---
L'eau		WC Method	>0.2	NEG	NEG	---
Glycol		WC Method		NEG	NEG	---
% de suie	%	ASTM D7844*	>3	0	0	---
Nitration	Abs/cm	ASTM D7624*	>20	7.0	6.4	---
Sulfatation	Abs/.1mm	ASTM D7415*	>30	19.7	18.1	---
Eau émulsifiée	scalar	Visual*	>0.2	NEG	NEG	---

ÉTAT DU FLUIDE

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

Sodium	ppm	ASTM D5185(m)	>158	3	5	---
Bore	ppm	ASTM D5185(m)	250	43	49	---
Baryum	ppm	ASTM D5185(m)	10	0	0	---
Molybdène	ppm	ASTM D5185(m)	100	44	28	---
Manganèse	ppm	ASTM D5185(m)		<1	<1	---
Magnésium	ppm	ASTM D5185(m)	450	749	568	---
Calcium	ppm	ASTM D5185(m)	3000	1114	1447	---
Phosphore	ppm	ASTM D5185(m)	1150	686	989	---
Zinc	ppm	ASTM D5185(m)	1350	803	1139	---
Soufre	ppm	ASTM D5185(m)	4250	1891	3167	---
Oxydation	Abs/.1mm	ASTM D7414*	>25	17.2	14.3	---
Visc 100°C	cSt	ASTM D7279(m)	14.4	12.7	12.5	---



ISO 17025:2017
Accredited
Laboratory

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

N° d'échantillon : CU0023412

N° de laboratoire : 02644303

Numéro unique : 5801842

Analyse : MOB 1

Reçu : 27 Jun 2024

Tested : 27 Jun 2024

Diagnostiqué : 27 Jun 2024 - Wes Davis

CUMMINS EASTERN CANADA LP

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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.