



RAPPORT D'ANALYSE D'HUILE

USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL

Secteur

[100935]
Identité de la machine
33206573

Composant

Moteur diesel

Fluide

VALVOLINE 15W40 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		CU0020703	CU0017906	CU0016859
Date d'échant.		Client Info		18 Aug 2023	16 Jul 2021	14 Aug 2020
Âge d la Machine	hrs	Client Info		496	355	318
Âge de l'huile	hrs	Client Info		0	0	80
Âge du filtre	hrs	Client Info		0	0	80
Huile changée		Client Info		N/A	Changed	Changed
Filtre changé		Client Info		N/A	Changed	Changed
Statut de l'échant.				NORMAL	NORMAL	NORMAL

USURE

Metal levels are typical for a new component breaking in.

Fer	ppm	ASTM D5185(m)	>65	2	2	2
Chrome	ppm	ASTM D5185(m)	>3	0	0	0
Nickel	ppm	ASTM D5185(m)	>2	<1	0	0
Titane	ppm	ASTM D5185(m)	>2	0	0	<1
Argent	ppm	ASTM D5185(m)	>2	0	<1	0
Aluminium	ppm	ASTM D5185(m)	>6	<1	<1	<1
Plomb	ppm	ASTM D5185(m)	>13	0	<1	0
Cuivre	ppm	ASTM D5185(m)	>65	<1	<1	<1
Étain	ppm	ASTM D5185(m)	>2	0	0	0
Vanadium	ppm	ASTM D5185(m)		0	0	0
Métal blanc	scalar	Visual*	NONE	NONE	---	---
Bronze	scalar	Visual*	NONE	NONE	---	---

CONTAMINATION

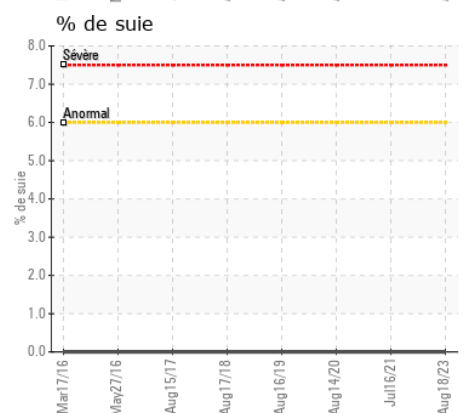
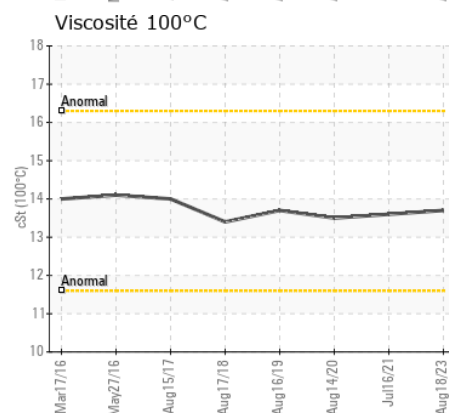
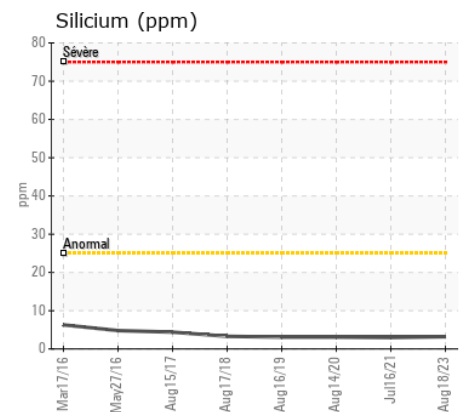
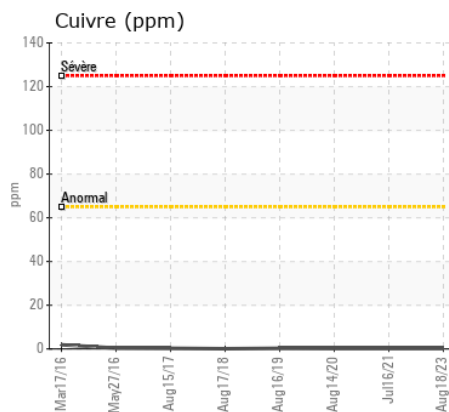
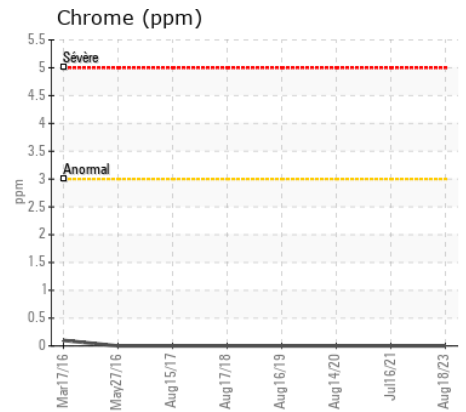
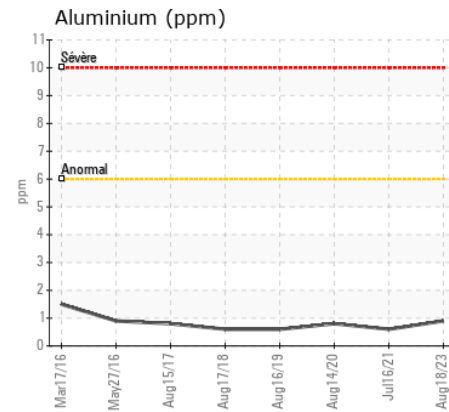
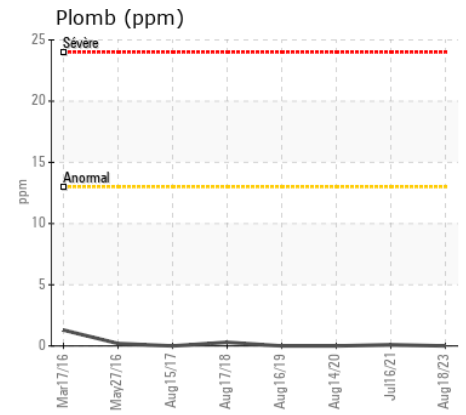
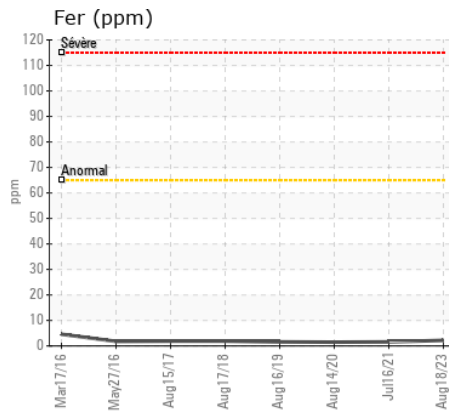
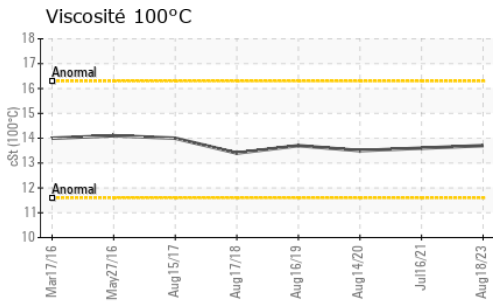
There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>25	3	3	3
Potassium	ppm	ASTM D5185(m)	>20	0	<1	0
Essence		WC Method	>3.0	<1.0	<1.0	<1.0
Glycol		WC Method		NEG	NEG	NEG
% de suie	%	ASTM D7844*	>6	0	0	0
Nitration	Abs/cm	ASTM D7624*	>20	6.8	6.2	6.2
Sulfatation	Abs/.1mm	ASTM D7415*	>30	21.3	19.5	19.5
Limon	scalar	Visual*	NONE	NONE	---	---
Débris	scalar	Visual*	NONE	VLITE	---	---
Saleté	scalar	Visual*	NONE	NONE	---	---
Apparence	scalar	Visual*	NORML	NORML	---	---
Odeur	scalar	Visual*	NORML	NORML	---	---
Eau émulsifiée	scalar	Visual*	>0.2	NEG	NEG	NEG

ÉTAT DU FLUIDE

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

Sodium	ppm	ASTM D5185(m)		3	3	2
Bore	ppm	ASTM D5185(m)		49	64	64
Baryum	ppm	ASTM D5185(m)		0	0	0
Molybdène	ppm	ASTM D5185(m)		47	43	45
Manganèse	ppm	ASTM D5185(m)		<1	<1	<1
Magnésium	ppm	ASTM D5185(m)		824	621	612
Calcium	ppm	ASTM D5185(m)		1221	1414	1451
Phosphore	ppm	ASTM D5185(m)		802	1069	1039
Zinc	ppm	ASTM D5185(m)		861	1162	1188
Soufre	ppm	ASTM D5185(m)		2065	2643	2691
Oxydation	Abs/.1mm	ASTM D7414*	>25	17.0	15.9	16.0
Visc 100°C	cSt	ASTM D7279(m)		13.7	13.6	13.5



Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : CU0020703
N° de laboratoire : 02577121
Numéro unique : 5630181
Analyse : MOB 1 (Additional Tests: Visual)

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.