



RAPPORT D'ANALYSE D'HUILE

USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL

Secteur
[99910]
 Identité de la machine
33163160

Composant
Moteur diesel Avant
 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		CU0019805	CU0014773	---
Date d'échant.		Client Info		25 Nov 2023	06 Mar 2019	---
Âge d la Machine	kms	Client Info		441	227	---
Âge de l'huile	kms	Client Info		0	0	---
Âge du filtre	kms	Client Info		0	0	---
Huile changée		Client Info		Changed	Not Changd	---
Filtre changé		Client Info		N/A	Not Changd	---
Statut de l'échant.				NORMAL	NORMAL	---

USURE

Metal levels are typical for a new component breaking in.

Fer	ppm	ASTM D5185(m)	>65	2	2	---
Chrome	ppm	ASTM D5185(m)	>3	0	0	---
Nickel	ppm	ASTM D5185(m)	>2	0	0	---
Titane	ppm	ASTM D5185(m)	>2	0	93	---
Argent	ppm	ASTM D5185(m)	>2	<1	0	---
Aluminium	ppm	ASTM D5185(m)	>6	<1	3	---
Plomb	ppm	ASTM D5185(m)	>13	<1	<1	---
Cuivre	ppm	ASTM D5185(m)	>65	<1	<1	---
Étain	ppm	ASTM D5185(m)	>2	0	0	---
Vanadium	ppm	ASTM D5185(m)		0	<1	---

CONTAMINATION

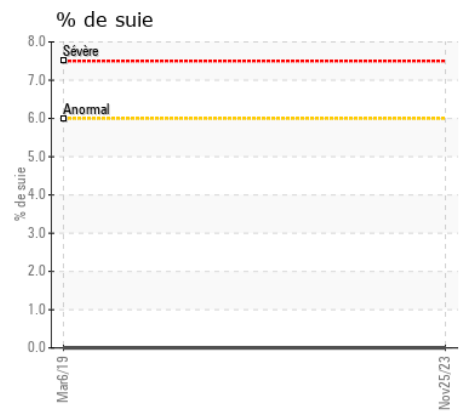
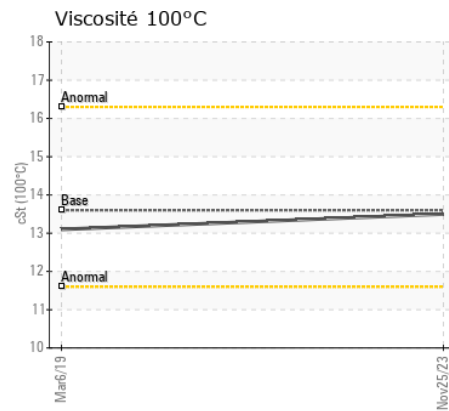
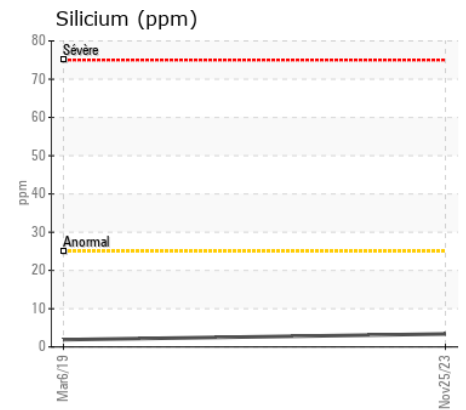
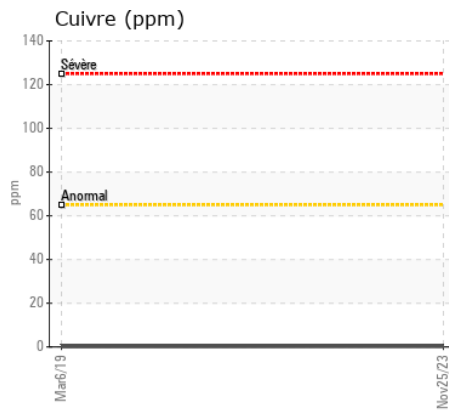
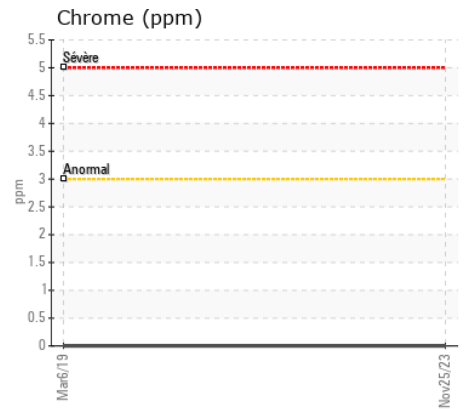
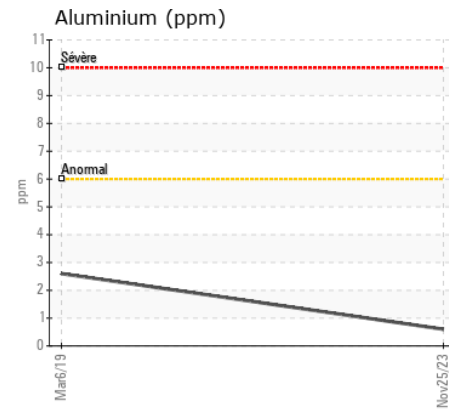
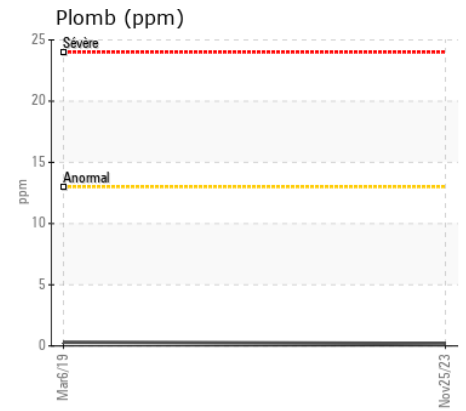
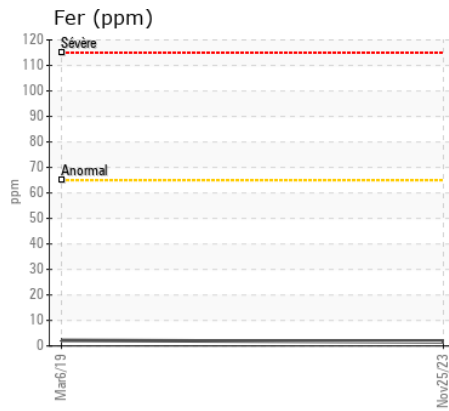
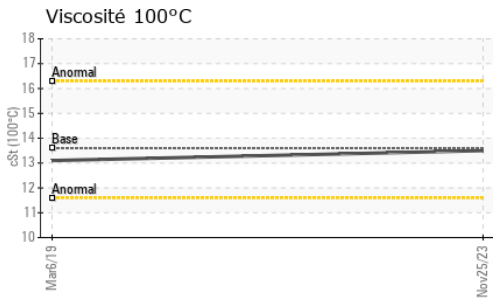
There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>25	3	2	---
Potassium	ppm	ASTM D5185(m)	>20	0	<1	---
Essence		WC Method	>3.0	<1.0	<1.0	---
L'eau		WC Method	>0.2	NEG	NEG	---
Glycol		WC Method		NEG	NEG	---
% de suie	%	ASTM D7844*	>6	0	0	---
Nitration	Abs/cm	ASTM D7624*	>20	6.5	5.3	---
Sulfatation	Abs/.1mm	ASTM D7415*	>30	20.0	17.0	---
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)		3	6	---
Bore	ppm	ASTM D5185(m)	39	39	91	---
Baryum	ppm	ASTM D5185(m)	1	<1	0	---
Molybdène	ppm	ASTM D5185(m)	49	44	3	---
Manganèse	ppm	ASTM D5185(m)	1	0	<1	---
Magnésium	ppm	ASTM D5185(m)	616	748	242	---
Calcium	ppm	ASTM D5185(m)	1554	1093	1840	---
Phosphore	ppm	ASTM D5185(m)	899	661	955	---
Zinc	ppm	ASTM D5185(m)	1069	775	1126	---
Soufre	ppm	ASTM D5185(m)	2624	1842	3315	---
Oxydation	Abs/.1mm	ASTM D7414*	>25	16.8	12.8	---
Visc 100°C	cSt	ASTM D7279(m)	13.6	13.5	13.1	---



Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : CU0019805
N° de laboratoire : 02600361
Numéro unique : 5685441
Analyse : MOB 1

CUMMINS EASTERN CANADA LP
 3189 SWANSEA CRESCENT
 OTTAWA, ON
 CA K1G 3W5
 Contact: Cindy Harrison
 cindy.harrison@cummins.com
 T: (613)736-1146
 F: x:

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.