



RAPPORT D'ANALYSE D'HUILE

USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL

Secteur

HEXO [101793]

Identité de la machine

80099796 - G2

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		CU0021050	CU0019785	CU0018068
Date d'échant.		Client Info		20 Nov 2023	07 Dec 2022	07 Dec 2021
Âge d la Machine	hrs	Client Info		603	537	0
Âge de l'huile	hrs	Client Info		125	0	0
Âge du filtre	hrs	Client Info		125	0	0
Huile changée		Client Info		Changed	Changed	Changed
Filtre changé		Client Info		Changed	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)	>90	4	2	4
Chrome	ppm	ASTM D5185(m)	>20	0	0	0
Nickel	ppm	ASTM D5185(m)	>2	0	0	<1
Titane	ppm	ASTM D5185(m)	>2	0	<1	0
Argent	ppm	ASTM D5185(m)	>2	<1	0	0
Aluminium	ppm	ASTM D5185(m)	>20	1	1	1
Plomb	ppm	ASTM D5185(m)	>40	<1	<1	<1
Cuivre	ppm	ASTM D5185(m)	>330	<1	<1	2
Étain	ppm	ASTM D5185(m)	>15	0	<1	<1
Vanadium	ppm	ASTM D5185(m)		0	0	0

CONTAMINATION

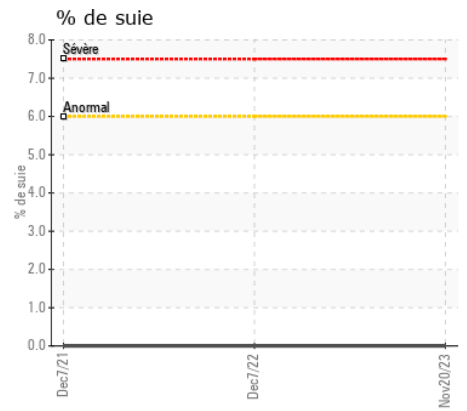
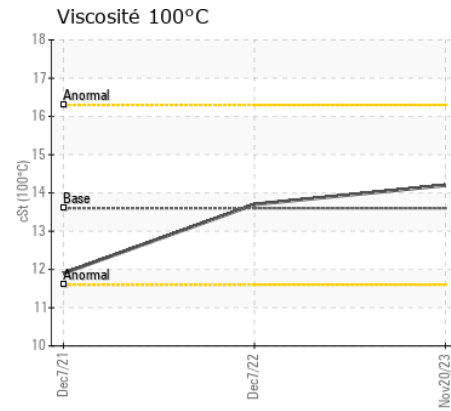
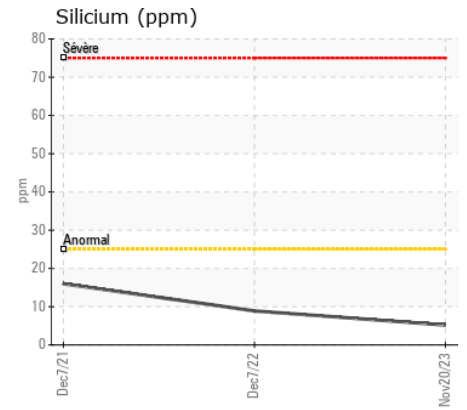
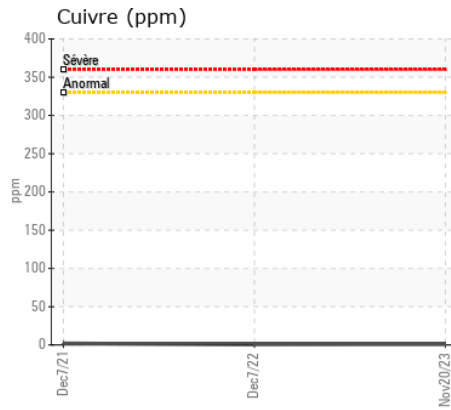
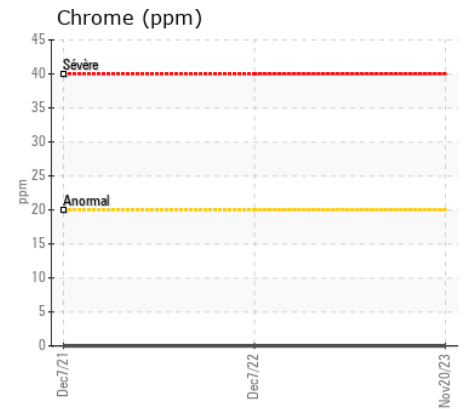
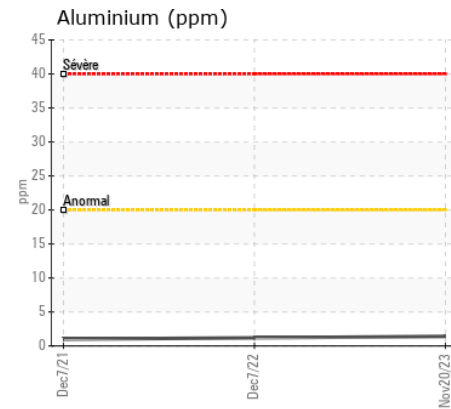
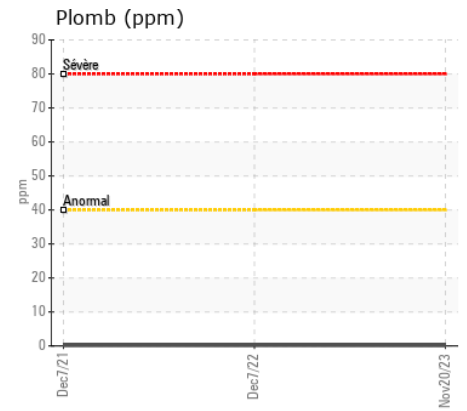
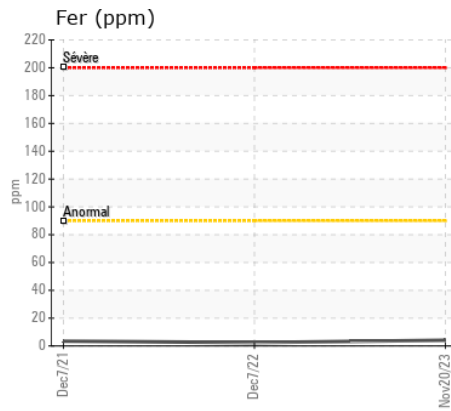
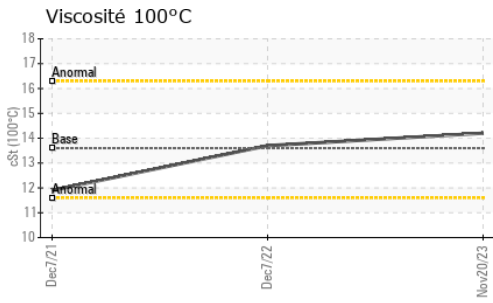
There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>25	5	9	16
Potassium	ppm	ASTM D5185(m)	>20	<1	0	<1
Essence		WC Method	>3.0	<1.0	<1.0	0.0
L'eau		WC Method	>0.2	NEG	NEG	NEG
Glycol		WC Method		NEG	NEG	NEG
% de suie	%	ASTM D7844*	>6	0	0	0
Nitration	Abs/cm	ASTM D7624*	>20	6.8	6.8	5.1
Sulfatation	Abs/.1mm	ASTM D7415*	>30	21.0	21.6	19.9
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)	39	38	52	117
Baryum	ppm	ASTM D5185(m)	1	<1	0	<1
Molybdène	ppm	ASTM D5185(m)	49	46	46	60
Manganèse	ppm	ASTM D5185(m)	1	0	<1	<1
Magnésium	ppm	ASTM D5185(m)	616	809	817	1101
Calcium	ppm	ASTM D5185(m)	1554	1156	1160	975
Phosphore	ppm	ASTM D5185(m)	899	700	792	1094
Zinc	ppm	ASTM D5185(m)	1069	830	831	1201
Soufre	ppm	ASTM D5185(m)	2624	1923	2081	2938
Oxydation	Abs/.1mm	ASTM D7414*	>25	17.6	17.6	14.1
Visc 100°C	cSt	ASTM D7279(m)	13.6	14.2	13.7	11.9



ISO 17025:2017
Accredited
Laboratory

Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : CU0021050
N° de laboratoire : 02598717
Numéro unique : 5683797
Analyse : MOB 1

CUMMINS EASTERN CANADA LP
 3189 SWANSEA CRESCENT
 OTTAWA, ON
 CA K1G 3W5
 Contact: Cindy Harrison
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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.

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F: x: