



RAPPORT D'ANALYSE D'HUILE

USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL

Secteur
[49250]
 Identité de la machine
G2 NEW HAVEN
 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		CU0022201	CU0020476	CU0017542
Date d'échant.		Client Info		15 Nov 2023	20 Nov 2022	07 Nov 2021
Âge d la Machine	hrs	Client Info		129	90	90
Âge de l'huile	hrs	Client Info		0	0	0
Âge du filtre	hrs	Client Info		0	0	0
Huile changée		Client Info		Changed	N/A	Changed
Filtre changé		Client Info		Changed	N/A	Changed
Statut de l'échant.				NORMAL	NORMAL	NORMAL

USURE

Metal levels are typical for a new component breaking in.

Fer	ppm	ASTM D5185(m)	>100	2	7	3
Chrome	ppm	ASTM D5185(m)	>20	0	0	0
Nickel	ppm	ASTM D5185(m)	>4	0	1	0
Titane	ppm	ASTM D5185(m)		0	<1	0
Argent	ppm	ASTM D5185(m)	>3	<1	0	0
Aluminium	ppm	ASTM D5185(m)	>20	<1	1	1
Plomb	ppm	ASTM D5185(m)	>40	<1	2	<1
Cuivre	ppm	ASTM D5185(m)	>330	<1	2	<1
Étain	ppm	ASTM D5185(m)	>15	0	<1	<1
Vanadium	ppm	ASTM D5185(m)		0	0	0

CONTAMINATION

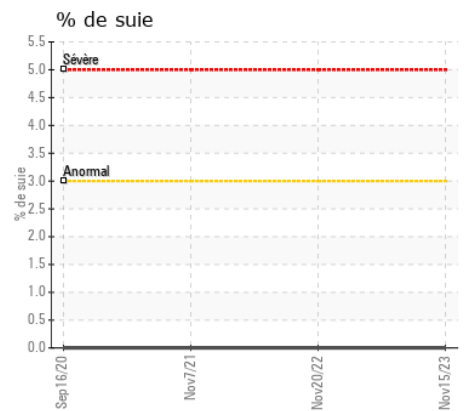
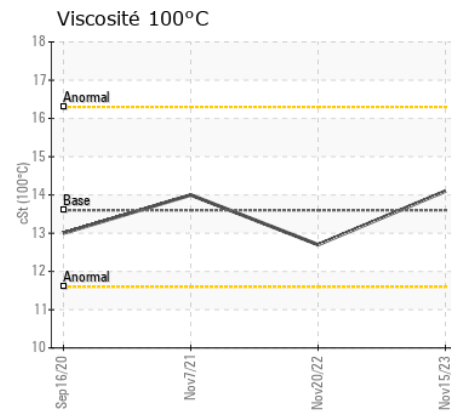
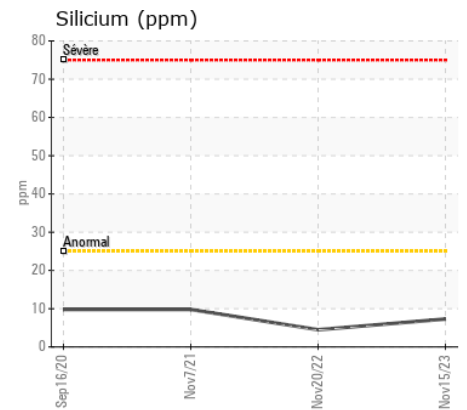
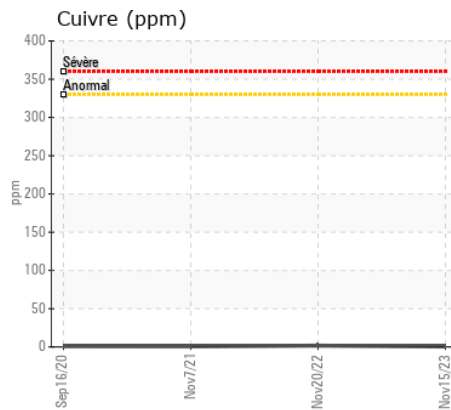
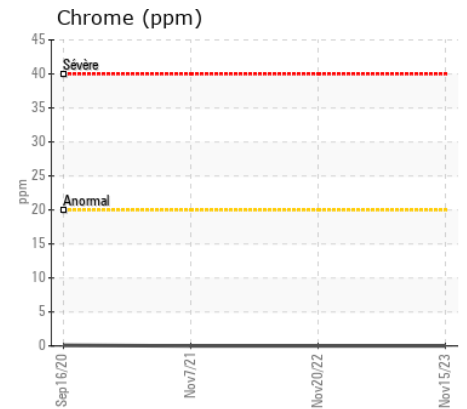
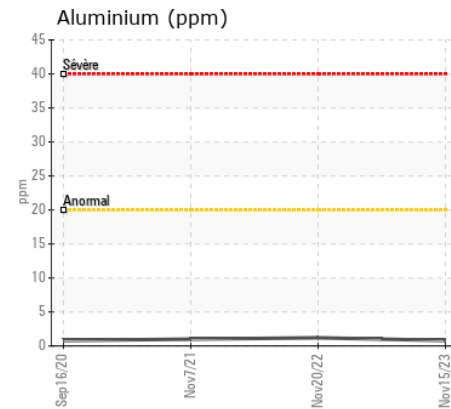
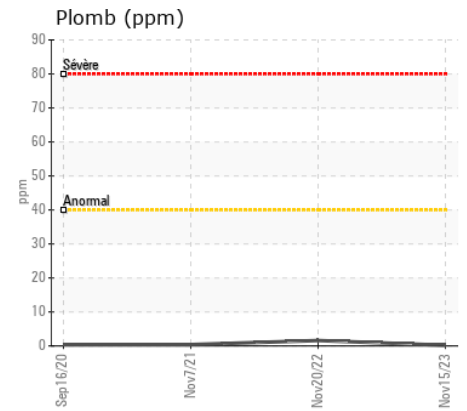
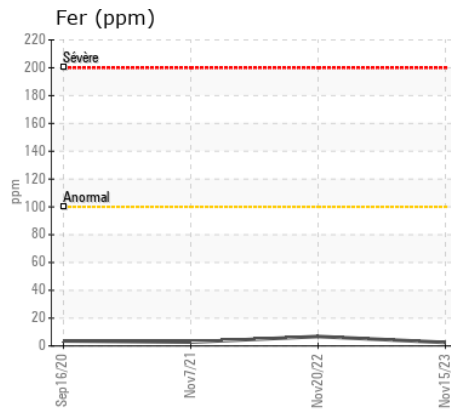
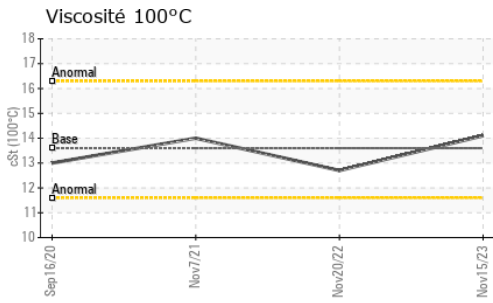
There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>25	7	4	10
Potassium	ppm	ASTM D5185(m)	>20	0	<1	1
Essence		WC Method	>5	<1.0	<1.0	<1.0
L'eau		WC Method	>0.2	NEG	NEG	NEG
Glycol		WC Method		NEG	NEG	NEG
% de suie	%	ASTM D7844*	>3	0	0	0
Nitration	Abs/cm	ASTM D7624*	>20	6.7	6.9	3.1
Sulfatation	Abs/.1mm	ASTM D7415*	>30	20.7	22.2	12.9
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)		4	7	2
Bore	ppm	ASTM D5185(m)	39	42	53	10
Baryum	ppm	ASTM D5185(m)	1	<1	0	0
Molybdène	ppm	ASTM D5185(m)	49	45	40	6
Manganèse	ppm	ASTM D5185(m)	1	0	<1	<1
Magnésium	ppm	ASTM D5185(m)	616	765	655	79
Calcium	ppm	ASTM D5185(m)	1554	1175	1476	2068
Phosphore	ppm	ASTM D5185(m)	899	685	916	889
Zinc	ppm	ASTM D5185(m)	1069	792	1031	965
Soufre	ppm	ASTM D5185(m)	2624	1864	2404	2819
Oxydation	Abs/.1mm	ASTM D7414*	>25	17.5	18.6	5.2
Visc 100°C	cSt	ASTM D7279(m)	13.6	14.1	12.7	14.0



Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 **CUMMINS EASTERN CANADA INC.**
N° d'échantillon : CU0022201 **Reçu** : 23 Nov 2023 122 CLYDE AVENUE
N° de laboratoire : 02598327 **Diagnostiqué** : 23 Nov 2023 MOUNT PEARL, NL
Numéro unique : 5683407 **Diagnostiqueur** : Wes Davis CA A1N 4S3
Analyse : MOB 1

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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