



RAPPORT D'ANALYSE D'HUILE

USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL

Secteur
[49253]
 Identité de la machine
KOHLER 33CFGMFN0001
 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		CU0021635	CU0019348	---
Date d'échant.		Client Info		13 Nov 2023	09 Jan 2023	---
Âge d la Machine	hrs	Client Info		0	178	---
Âge de l'huile	hrs	Client Info		0	0	---
Âge du filtre	hrs	Client Info		0	0	---
Huile changée		Client Info		N/A	Changed	---
Filtre changé		Client Info		N/A	Changed	---
Statut de l'échant.				NORMAL	NORMAL	---

USURE

All component wear rates are normal.

Fer	ppm	ASTM D5185(m)	>100	2	3	---
Chrome	ppm	ASTM D5185(m)	>20	0	0	---
Nickel	ppm	ASTM D5185(m)	>4	0	0	---
Titane	ppm	ASTM D5185(m)		0	<1	---
Argent	ppm	ASTM D5185(m)	>3	<1	0	---
Aluminium	ppm	ASTM D5185(m)	>20	1	2	---
Plomb	ppm	ASTM D5185(m)	>40	<1	<1	---
Cuivre	ppm	ASTM D5185(m)	>330	<1	<1	---
Étain	ppm	ASTM D5185(m)	>15	0	<1	---
Vanadium	ppm	ASTM D5185(m)		0	0	---
Métal blanc	scalar	Visual*	NONE	NONE	---	---
Bronze	scalar	Visual*	NONE	NONE	---	---

CONTAMINATION

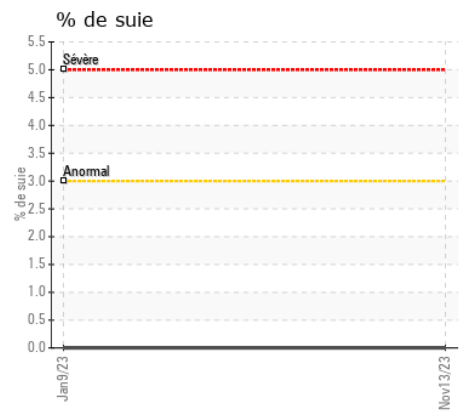
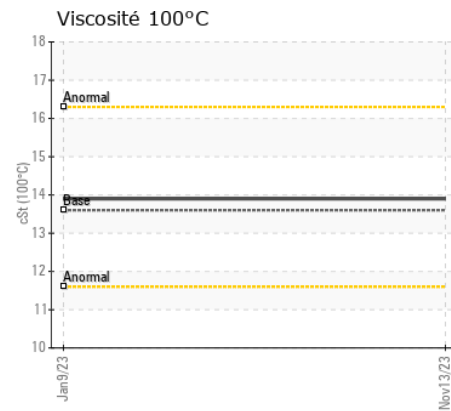
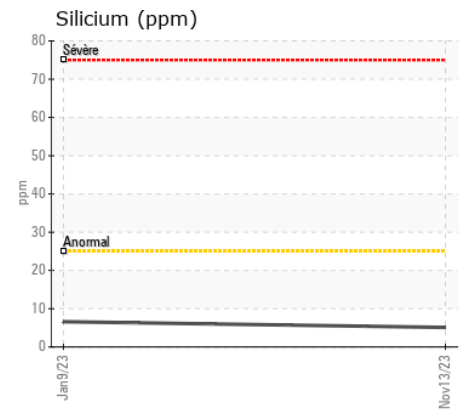
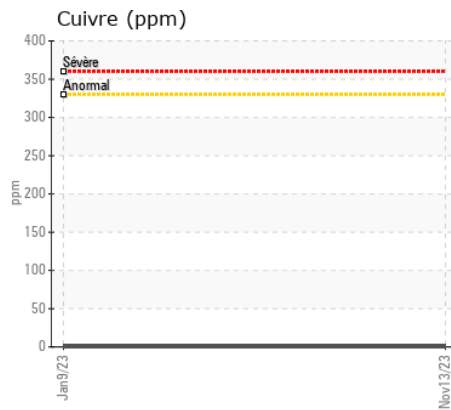
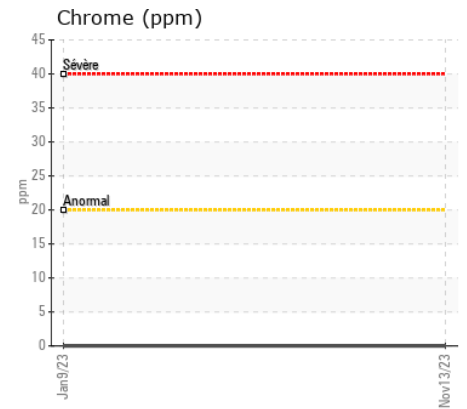
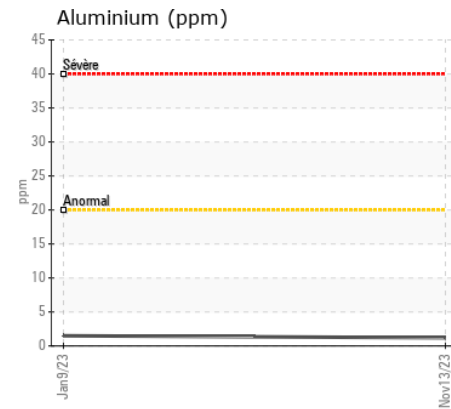
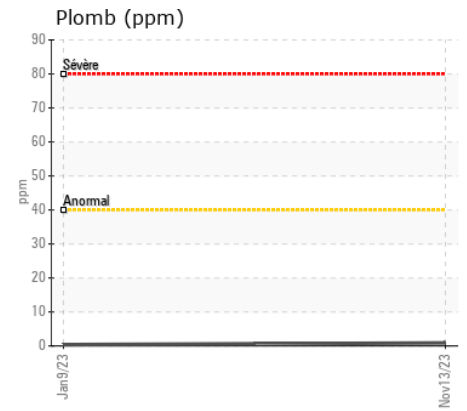
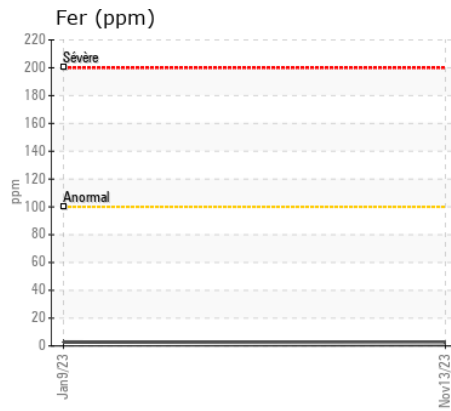
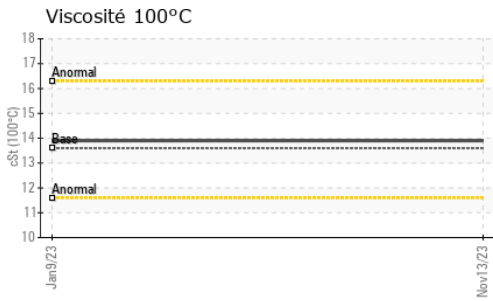
There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>25	5	7	---
Potassium	ppm	ASTM D5185(m)	>20	0	<1	---
Essence		WC Method	>5	<1.0	<1.0	---
Glycol		WC Method		NEG	NEG	---
% de suie	%	ASTM D7844*	>3	0	0	---
Nitration	Abs/cm	ASTM D7624*	>20	6.7	6.9	---
Sulfatation	Abs/.1mm	ASTM D7415*	>30	20.5	21.3	---
Limon	scalar	Visual*	NONE	NONE	---	---
Débris	scalar	Visual*	NONE	NONE	---	---
Saleté	scalar	Visual*	NONE	NONE	---	---
Apparence	scalar	Visual*	NORML	NORML	---	---
Odeur	scalar	Visual*	NORML	NORML	NORML	---
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)		4	4	---
Bore	ppm	ASTM D5185(m)	39	47	52	---
Baryum	ppm	ASTM D5185(m)	1	<1	0	---
Molybdène	ppm	ASTM D5185(m)	49	48	46	---
Manganèse	ppm	ASTM D5185(m)	1	0	<1	---
Magnésium	ppm	ASTM D5185(m)	616	787	762	---
Calcium	ppm	ASTM D5185(m)	1554	1156	1280	---
Phosphore	ppm	ASTM D5185(m)	899	708	803	---
Zinc	ppm	ASTM D5185(m)	1069	818	864	---
Soufre	ppm	ASTM D5185(m)	2624	1948	2108	---
Oxydation	Abs/.1mm	ASTM D7414*	>25	17.0	17.2	---
Visc 100°C	cSt	ASTM D7279(m)	13.6	13.9	13.9	---



ISO 17025:2017
Accredited
Laboratory

Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 **CUMMINS EASTERN CANADA INC.**
N° d'échantillon : CU0021635 **Reçu** : 14 Nov 2023 122 CLYDE AVENUE
N° de laboratoire : 02596104 **Diagnostiqué** : 15 Nov 2023 MOUNT PEARL, NL
Numéro unique : 5681184 **Diagnostiqueur** : Kevin Marson CA A1N 4S3
Analyse : MOB 1 (Additional Tests: Visual) Contact: DARRYL CAREY

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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