



USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL



Identité de la machine
CATERPILLAR 312CL 06311 (S/N CBA03691)
 Composant
Moteur diesel
 Fluid
SHELL ROTELLA T6 5W40 (20 LTR)

RECOMMANDATION

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		PC0073310	PC402009	PC380762
Date d'échant.		Client Info		14 Feb 2024	10 Jan 2019	28 Feb 2017
Âge d la Machine	hrs	Client Info		8283	6134	4842
Âge de l'huile	hrs	Client Info		227	658	419
Âge du filtre	hrs	Client Info		227	658	419
Huile changée		Client Info		Changed	Changed	Changed
Filtre changé		Client Info		Changed	Changed	Changed
Statut de l'échant.				NORMAL	NORMAL	NORMAL

USURE

Les taux d'usure de tous les composants sont normaux.

Fer	ppm	ASTM D5185(m)	>100	8	11	13
Chrome	ppm	ASTM D5185(m)	>20	<1	<1	<1
Nickel	ppm	ASTM D5185(m)	>2	0	<1	<1
Titane	ppm	ASTM D5185(m)	>2	0	0	0
Argent	ppm	ASTM D5185(m)	>2	0	0	0
Aluminium	ppm	ASTM D5185(m)	>25	2	2	3
Plomb	ppm	ASTM D5185(m)	>40	<1	<1	1
Cuivre	ppm	ASTM D5185(m)	>330	<1	<1	<1
Étain	ppm	ASTM D5185(m)	>15	<1	0	<1
Vanadium	ppm	ASTM D5185(m)		0	0	0
Métal blanc	scalar	Visual*	NONE	NONE	---	---
Bronze	scalar	Visual*	NONE	NONE	---	---

CONTAMINATION

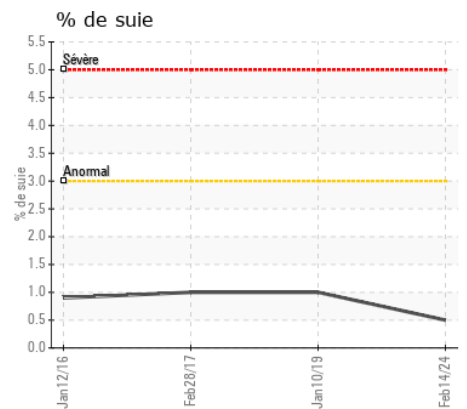
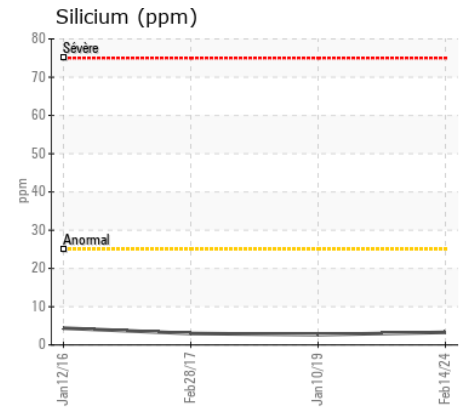
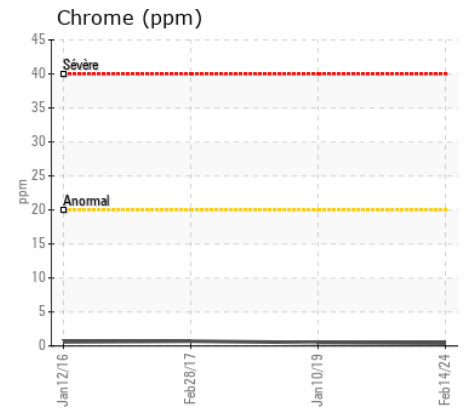
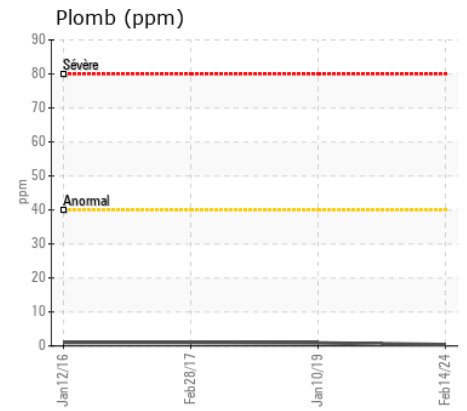
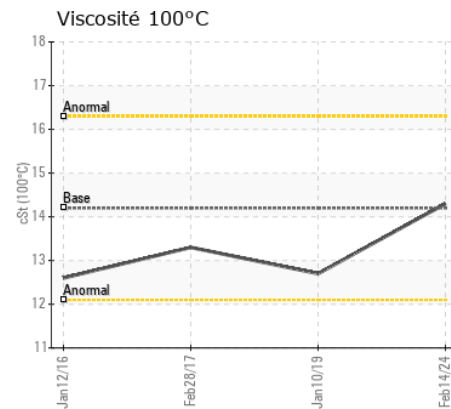
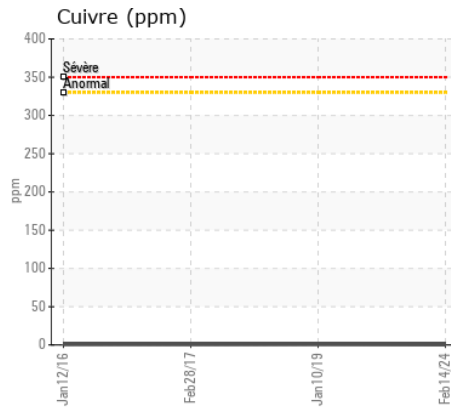
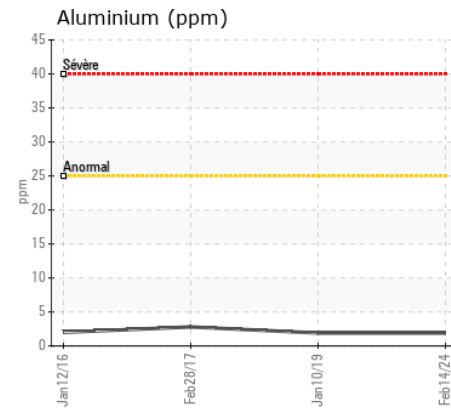
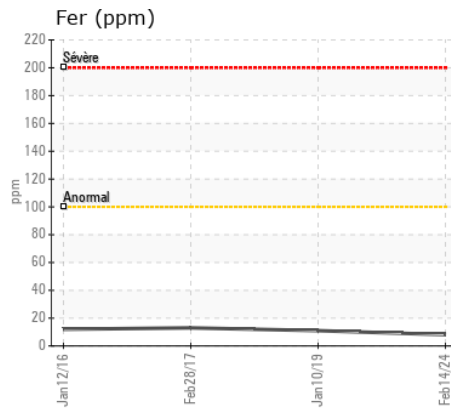
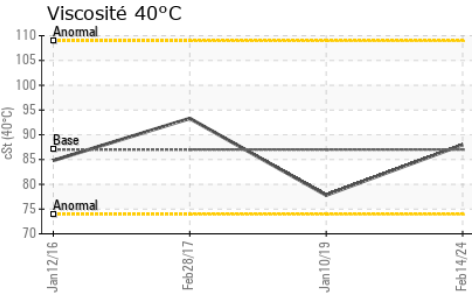
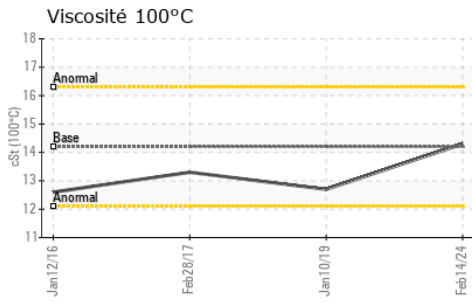
Il n'y a aucun indice de contamination dans l'huile.

Silicium	ppm	ASTM D5185(m)	>25	3	3	3
Potassium	ppm	ASTM D5185(m)	>20	2	<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	0.5	1	1
Nitration	Abs/cm	ASTM D7624*	>20	7.1	9.3	7.8
Sulfatation	Abs/.1mm	ASTM D7415*	>30	20.7	29.2	22.5
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	---	---
Eau émulsifiée	scalar	Visual*	>0.2	NEG	NEG	NEG

ÉTAT DU FLUIDE

L'état de l'huile est acceptable pour la durée de service.

Sodium	ppm	ASTM D5185(m)		4	2	2
Bore	ppm	ASTM D5185(m)		133	8	22
Baryum	ppm	ASTM D5185(m)		0	0	<1
Molybdène	ppm	ASTM D5185(m)		8	11	11
Manganèse	ppm	ASTM D5185(m)		0	<1	<1
Magnésium	ppm	ASTM D5185(m)		117	140	12
Calcium	ppm	ASTM D5185(m)		1886	2048	2383
Phosphore	ppm	ASTM D5185(m)		890	833	959
Zinc	ppm	ASTM D5185(m)		1025	1028	1126
Soufre	ppm	ASTM D5185(m)		2808	2582	3226
Oxydation	Abs/.1mm	ASTM D7414*	>25	15.4	29.9	13.8
Visc 40°C	cSt	ASTM D7279(m)	87	88.0	77.8	93.3
Visc 100°C	cSt	ASTM D7279(m)	14.2	14.3	12.7	13.3
Indice de viscosité (VI)	Scale	ASTM D2270*		168	163	142



ISO 17025:2017
Accredited
Laboratory

Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9

N° d'échantillon : PC0073310

N° de laboratoire : 02616936

Numéro unique : 5734046

Analyse : MOB 1 (Additional Tests: KV40, VI, Visual)

Reçu : 21 Feb 2024

Tested : 22 Feb 2024

Diagnostiqué : 22 Feb 2024 - Wes Davis

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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