



USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL



Identité de la machine
CATERPILLAR 315CL 05309 (S/N CJC02292)
 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		PC0073312	PC0073314	PC0027678
Date d'échant.		Client Info		01 Feb 2024	28 Jan 2024	11 Mar 2022
Âge d la Machine	hrs	Client Info		11880	11880	10699
Âge de l'huile	hrs	Client Info		680	680	785
Âge du filtre	hrs	Client Info		680	680	785
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	32	19	13
Chrome	ppm	ASTM D5185(m)	>20	1	0	<1
Nickel	ppm	ASTM D5185(m)	>2	<1	<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	3	2	2
Plomb	ppm	ASTM D5185(m)	>40	1	<1	<1
Cuivre	ppm	ASTM D5185(m)	>330	5	1	1
Étain	ppm	ASTM D5185(m)	>15	<1	1	<1
Vanadium	ppm	ASTM D5185(m)		0	0	0
Métal blanc	scalar	Visual*	NONE	NONE	---	NONE
Bronze	scalar	Visual*	NONE	NONE	---	NONE

CONTAMINATION

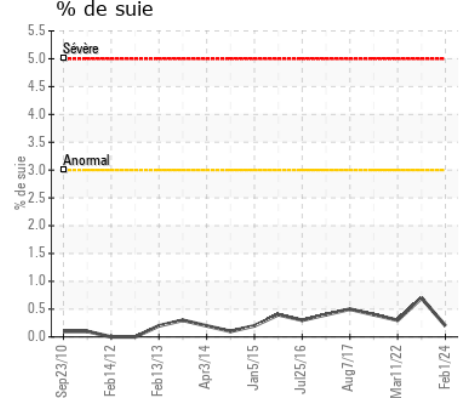
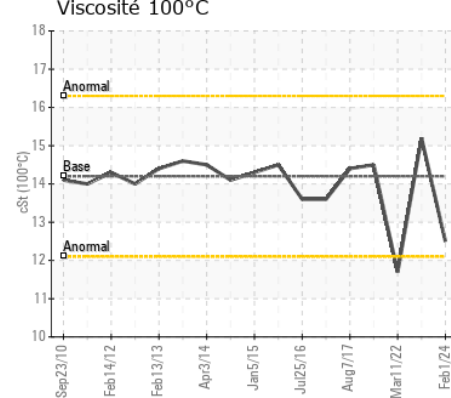
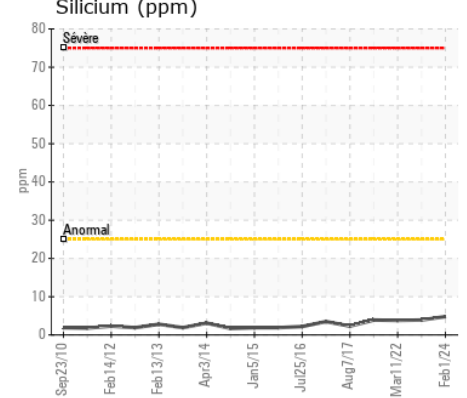
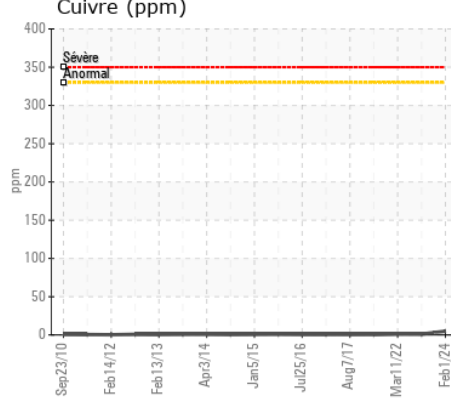
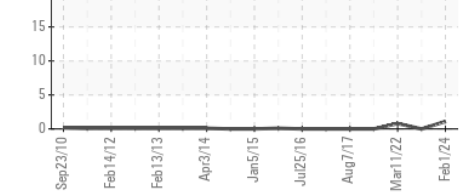
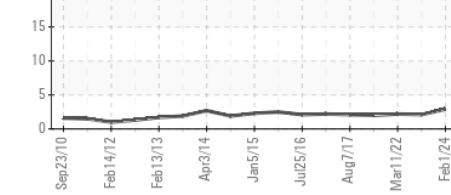
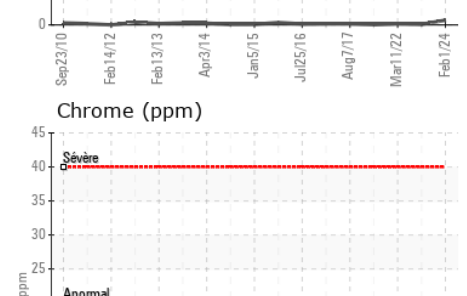
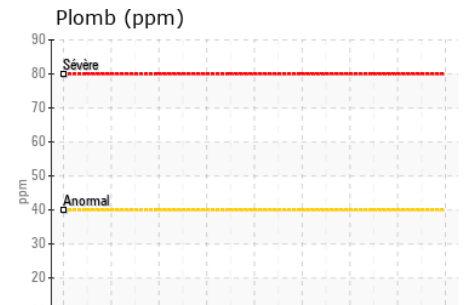
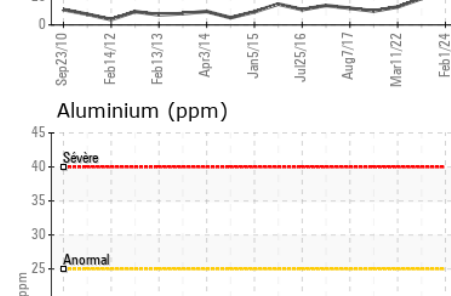
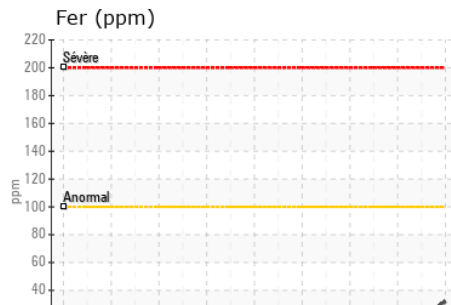
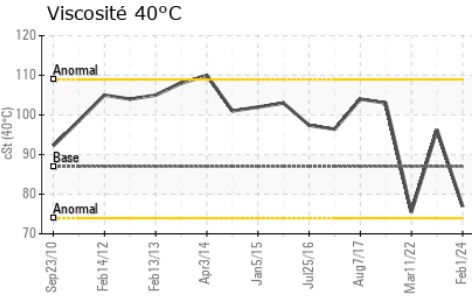
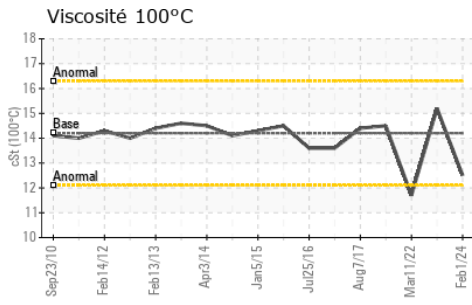
Il n'y a aucun indice de contamination dans l'huile.

Silicium	ppm	ASTM D5185(m)	>25	5	4	4
Potassium	ppm	ASTM D5185(m)	>20	3	2	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	0.2	0.7	0.3
Nitration	Abs/cm	ASTM D7624*	>20	10.1	9.4	7.2
Sulfatation	Abs/.1mm	ASTM D7415*	>30	22.7	22.9	20.3
Limon	scalar	Visual*	NONE	NONE	---	NONE
Débris	scalar	Visual*	NONE	NONE	---	VLITE
Saleté	scalar	Visual*	NONE	NONE	---	NONE
Apparence	scalar	Visual*	NORML	NORML	---	NORML
Odeur	scalar	Visual*	NORML	NORML	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)		7	2	2
Bore	ppm	ASTM D5185(m)		44	102	2
Baryum	ppm	ASTM D5185(m)		0	0	0
Molybdène	ppm	ASTM D5185(m)		17	10	57
Manganèse	ppm	ASTM D5185(m)		0	0	<1
Magnésium	ppm	ASTM D5185(m)		182	147	977
Calcium	ppm	ASTM D5185(m)		1744	2138	1126
Phosphore	ppm	ASTM D5185(m)		807	946	1070
Zinc	ppm	ASTM D5185(m)		945	1152	1237
Soufre	ppm	ASTM D5185(m)		2554	2837	2686
Oxydation	Abs/.1mm	ASTM D7414*	>25	19.1	18.6	13.7
Visc 40°C	cSt	ASTM D7279(m)	87	76.9	96.2	75.5
Visc 100°C	cSt	ASTM D7279(m)	14.2	12.5	15.2	11.7
Indice de viscosité (VI)	Scale	ASTM D2270*		161	166	149



ISO 17025:2017
Accredited
Laboratory

Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : PC0073312
N° de laboratoire : 02616933
Numéro unique : 5734043
Analyse : MOB 1 (Additional Tests: KV40, VI, Visual)

Reçu : 21 Feb 2024
Tested : 21 Feb 2024
Diagnostiqué : 21 Feb 2024 - Wes Davis

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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.