



USURE	<b>NORMAL</b>
CONTAMINATION	<b>NORMAL</b>
ÉTAT DU FLUIDE	<b>NORMAL</b>



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		<b>PC0073314</b>	PC0027678	PC402588
Date d'échant.		Client Info		<b>28 Jan 2024</b>	11 Mar 2022	15 Feb 2018
Âge d la Machine	hrs	Client Info		<b>11880</b>	10699	7811
Âge de l'huile	hrs	Client Info		<b>680</b>	785	272
Âge du filtre	hrs	Client Info		<b>680</b>	785	272
Huile changée		Client Info		<b>Changed</b>	Changed	Changed
Filtre changé		Client Info		<b>Changed</b>	Changed	Changed
Statut de l'échant.				<b>NORMAL</b>	NORMAL	NORMAL

**USURE**

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

Fer	ppm	ASTM D5185(m)	>100	<b>19</b>	13	10
Chrome	ppm	ASTM D5185(m)	>20	<b>0</b>	<1	0
Nickel	ppm	ASTM D5185(m)	>2	<b>&lt;1</b>	<1	<1
Titane	ppm	ASTM D5185(m)	>2	<b>0</b>	0	<1
Argent	ppm	ASTM D5185(m)	>2	<b>0</b>	0	0
Aluminium	ppm	ASTM D5185(m)	>25	<b>2</b>	2	2
Plomb	ppm	ASTM D5185(m)	>40	<b>&lt;1</b>	<1	<1
Cuivre	ppm	ASTM D5185(m)	>330	<b>1</b>	1	<1
Étain	ppm	ASTM D5185(m)	>15	<b>1</b>	<1	1
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	0

**CONTAMINATION**

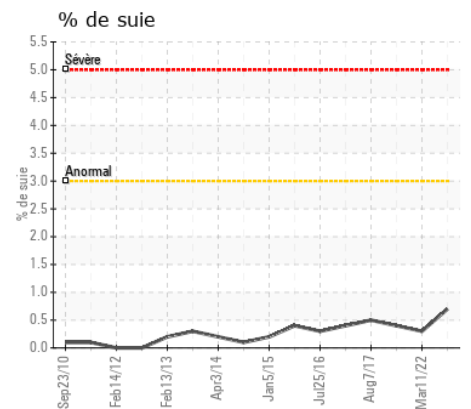
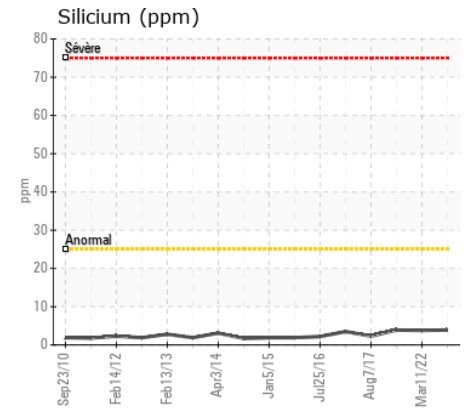
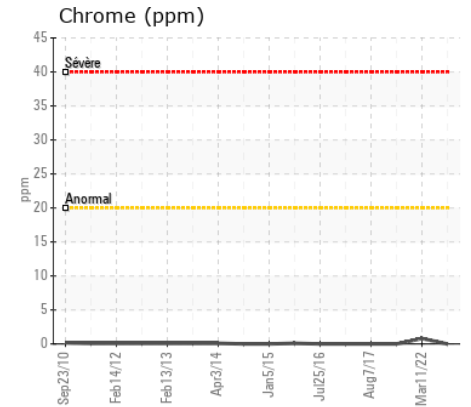
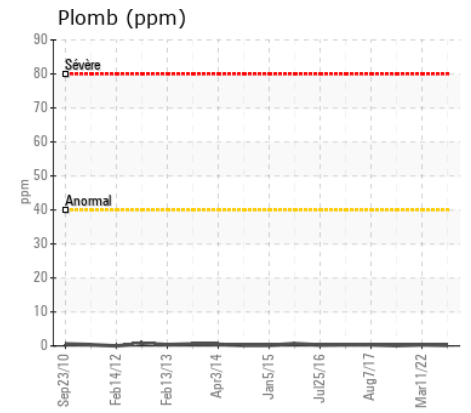
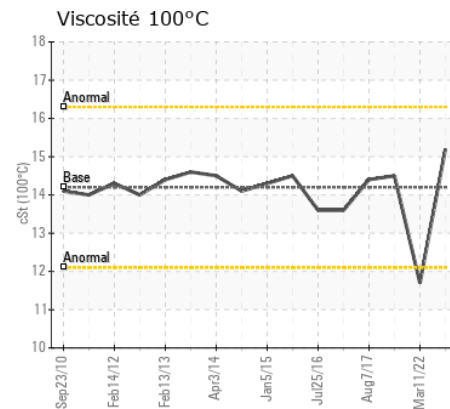
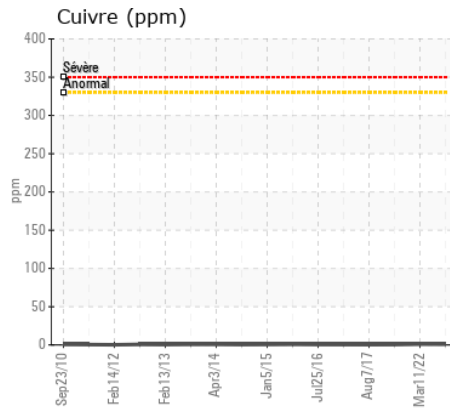
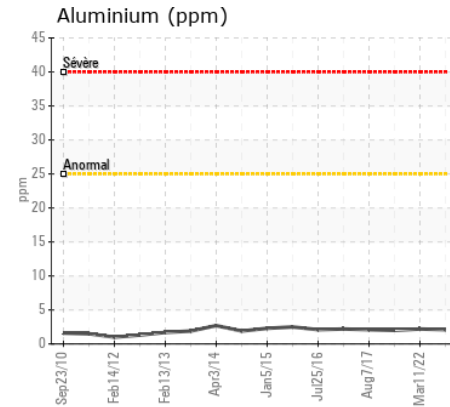
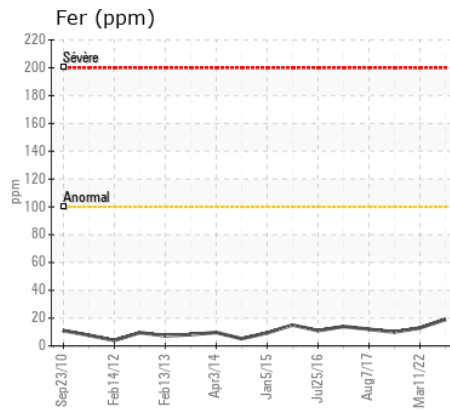
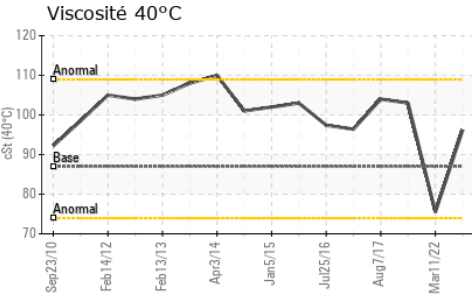
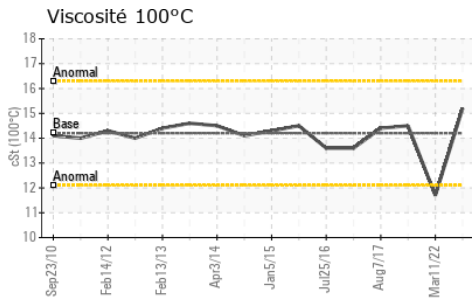
Il n'y a aucun indice de contamination dans l'huile.

Silicium	ppm	ASTM D5185(m)	>25	<b>4</b>	4	4
Potassium	ppm	ASTM D5185(m)	>20	<b>2</b>	1	0
Essence		WC Method	>5	<b>&lt;1.0</b>	<1.0	<1.0
L'eau		WC Method	>0.2	<b>NEG</b>	NEG	NEG
Glycol		WC Method		<b>NEG</b>	NEG	NEG
% de suie	%	ASTM D7844*	>3	<b>0.7</b>	0.3	0.4
Nitration	Abs/cm	ASTM D7624*	>20	<b>9.4</b>	7.2	5.9
Sulfatation	Abs/.1mm	ASTM D7415*	>30	<b>22.9</b>	20.3	18.3
Eau émulsifiée	scalar	Visual*	>0.2	<b>NEG</b>	NEG	NEG

**ÉTAT DU FLUIDE**

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

Sodium	ppm	ASTM D5185(m)		<b>2</b>	2	4
Bore	ppm	ASTM D5185(m)		<b>102</b>	2	8
Baryum	ppm	ASTM D5185(m)		<b>0</b>	0	0
Molybdène	ppm	ASTM D5185(m)		<b>10</b>	57	3
Manganèse	ppm	ASTM D5185(m)		<b>0</b>	<1	0
Magnésium	ppm	ASTM D5185(m)		<b>147</b>	977	9
Calcium	ppm	ASTM D5185(m)		<b>2138</b>	1126	2698
Phosphore	ppm	ASTM D5185(m)		<b>946</b>	1070	926
Zinc	ppm	ASTM D5185(m)		<b>1152</b>	1237	1092
Soufre	ppm	ASTM D5185(m)		<b>2837</b>	2686	3376
Oxydation	Abs/.1mm	ASTM D7414*	>25	<b>18.6</b>	13.7	13.1
Visc 40°C	cSt	ASTM D7279(m)	87	<b>96.2</b>	75.5	103
Visc 100°C	cSt	ASTM D7279(m)	14.2	<b>15.2</b>	11.7	14.5
Indice de viscosité (VI)	Scale	ASTM D2270*		<b>166</b>	149	145



ISO 17025:2017  
Accredited  
Laboratory

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

**N° d'échantillon** : PC0073314

**N° de laboratoire** : 02616935

**Numéro unique** : 5734045

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

**Reçu** : 21 Feb 2024

**Tested** : 21 Feb 2024

**Diagnostiqué** : 21 Feb 2024 - Wes Davis

**GERMAIN BLANCHARD LTEE**

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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.