



Identité de la machine

**301113**

Composant

**Moteur diesel**

Fluide

**DIESEL ENGINE OIL SAE 15W40 (--- GAL)**

**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>PC0074137</b>	PC0074491	PC0073806
Date d'échant.		Client Info		<b>29 Aug 2023</b>	13 Jul 2023	24 Apr 2023
Âge d la Machine	kms	Client Info		<b>1154033</b>	1141683	1127905
Âge de l'huile	kms	Client Info		<b>10000</b>	12500	0
Âge du filtre	kms	Client Info		<b>10000</b>	12500	0
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>29</b>	38	24
Chrome	ppm	ASTM D5185(m)	>20	<b>1</b>	2	<1
Nickel	ppm	ASTM D5185(m)	>4	<b>0</b>	<1	0
Titane	ppm	ASTM D5185(m)		<b>0</b>	0	<1
Argent	ppm	ASTM D5185(m)	>3	<b>0</b>	0	0
Aluminium	ppm	ASTM D5185(m)	>20	<b>1</b>	2	2
Plomb	ppm	ASTM D5185(m)	>40	<b>&lt;1</b>	<1	<1
Cuivre	ppm	ASTM D5185(m)	>330	<b>2</b>	2	1
Étain	ppm	ASTM D5185(m)	>15	<b>0</b>	<1	<1
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	0

**CONTAMINATION**

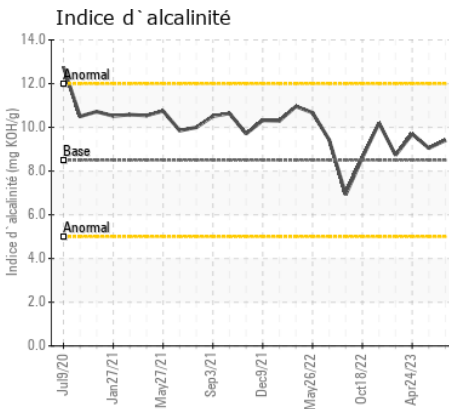
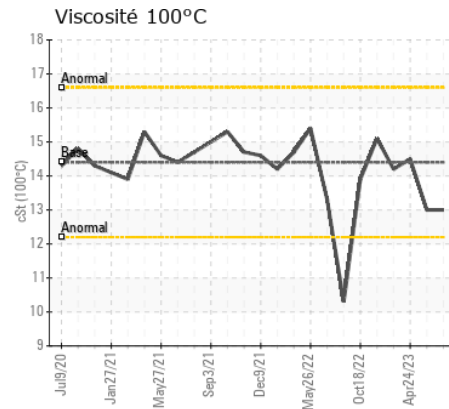
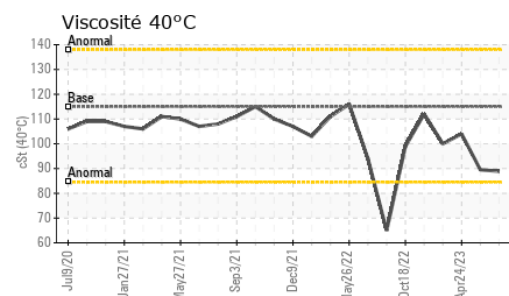
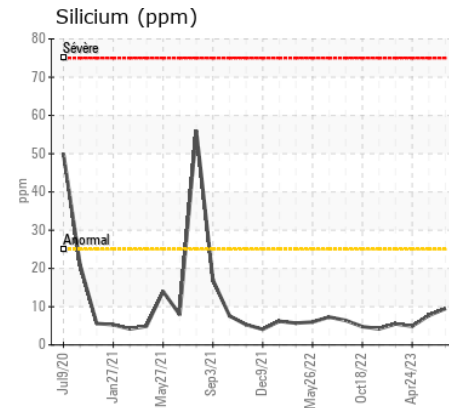
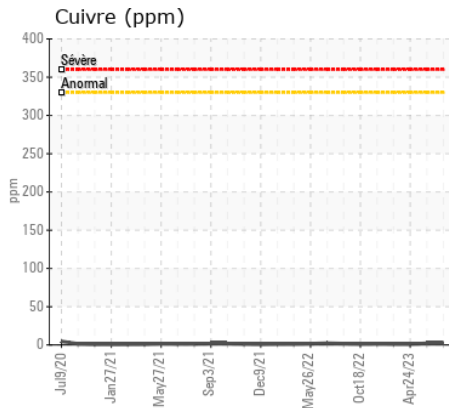
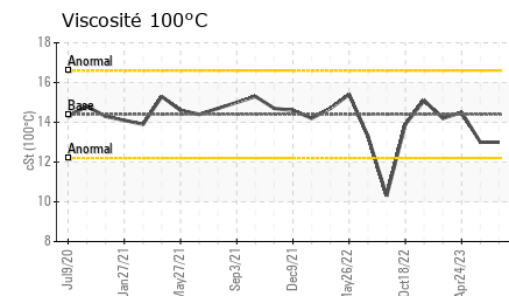
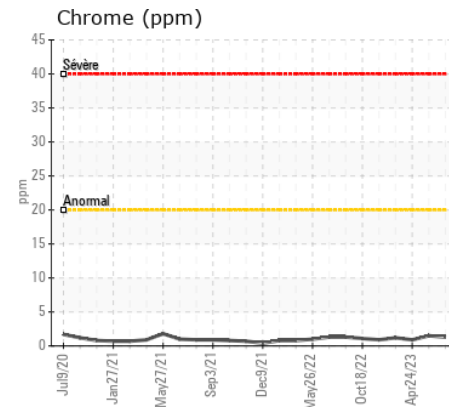
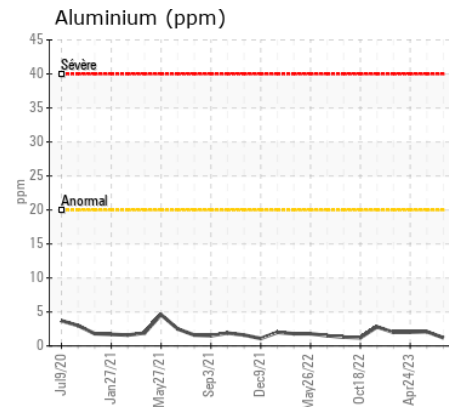
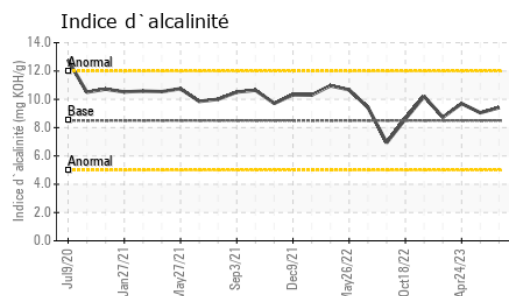
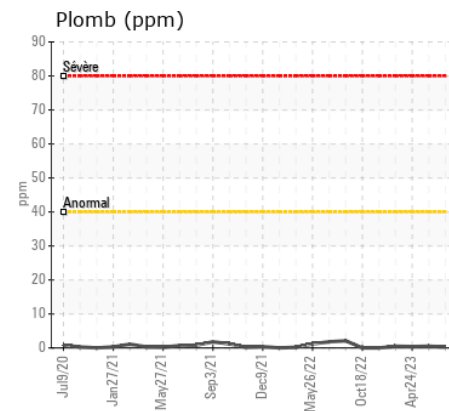
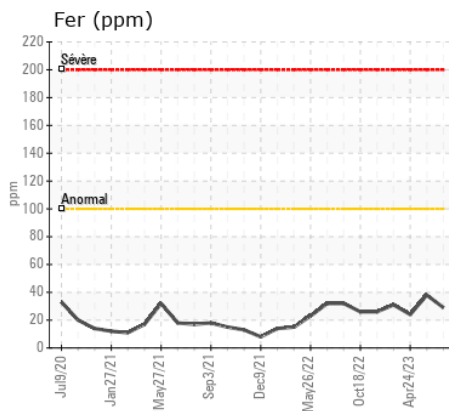
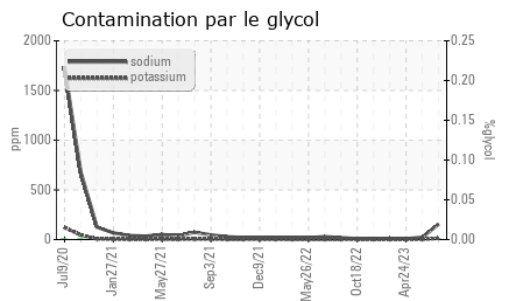
Il n'y a aucun indice de contamination dans l'huile.

Silicium	ppm	ASTM D5185(m)	>25	<b>10</b>	8	5
Potassium	ppm	ASTM D5185(m)	>20	<b>12</b>	2	<1
Essence		WC Method	>5	<b>&lt;1.0</b>	<1.0	<1.0
Glycol	%	ASTM D7922*		<b>0.0</b>	0.0	NEG
% de suie	%	ASTM D7844*	>3	<b>2</b>	2.6	1.9
Nitration	Abs/cm	ASTM D7624*	>20	<b>13.5</b>	14.8	12.9
Sulfatation	Abs/.1mm	ASTM D7415*	>30	<b>28.2</b>	29.6	26.8
Eau émulsifiée	scalar	Visual*	>0.2	<b>NEG</b>	NEG	NEG

**ÉTAT DU FLUIDE**

Le résultat pour le BN indique que la réserve d'alcalinité est acceptable pour l'huile. L'état de l'huile permet d'en prolonger l'utilisation.

Sodium	ppm	ASTM D5185(m)	>158	<b>155</b>	22	9
Bore	ppm	ASTM D5185(m)	250	<b>5</b>	2	5
Baryum	ppm	ASTM D5185(m)	10	<b>0</b>	0	0
Molybdène	ppm	ASTM D5185(m)	100	<b>66</b>	76	69
Manganèse	ppm	ASTM D5185(m)		<b>&lt;1</b>	<1	<1
Magnésium	ppm	ASTM D5185(m)	450	<b>1089</b>	1259	1109
Calcium	ppm	ASTM D5185(m)	3000	<b>1217</b>	1365	1384
Phosphore	ppm	ASTM D5185(m)	1150	<b>1126</b>	1316	1232
Zinc	ppm	ASTM D5185(m)	1350	<b>1312</b>	1496	1390
Soufre	ppm	ASTM D5185(m)	4250	<b>2405</b>	2626	2679
Oxydation	Abs/.1mm	ASTM D7414*	>25	<b>20.9</b>	22.9	21.8
Indice d'alcalinité	mg KOH/g	ASTM D2896*	8.5	<b>9.41</b>	9.05	9.70
Visc 40°C	cSt	ASTM D7279(m)	115	<b>88.9</b>	89.5	104
Visc 100°C	cSt	ASTM D7279(m)	14.4	<b>13.0</b>	13.0	14.5
Indice de viscosité (VI)	Scale	ASTM D2270*	126	<b>145</b>	144	143



ISO 17025:2017  
Accredited  
Laboratory

**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**N° d'échantillon** : PC0074137  
**N° de laboratoire** : 02580880  
**Numéro unique** : 5641945  
**Analyse** : MOB 2 ( Additional Tests: Glycol, KV40, VI )

**Reçu** : 07 Sep 2023  
**Diagnostiqué** : 07 Sep 2023  
**Diagnostiqueur** : 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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