



Identité de la machine

**338811**

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>PC0079967</b>	PC0074573	PC0073797
Date d'échant.		Client Info		<b>24 Oct 2023</b>	29 Jun 2023	28 Apr 2023
Âge d la Machine	kms	Client Info		<b>1199814</b>	1171991	1157383
Âge de l'huile	kms	Client Info		<b>12500</b>	12500	125000
Âge du filtre	kms	Client Info		<b>12500</b>	12500	125000
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>38</b>	29	25
Chrome	ppm	ASTM D5185(m)	>20	<b>1</b>	1	1
Nickel	ppm	ASTM D5185(m)	>4	<b>&lt;1</b>	<1	0
Titane	ppm	ASTM D5185(m)		<b>0</b>	<1	0
Argent	ppm	ASTM D5185(m)	>3	<b>&lt;1</b>	<1	<1
Aluminium	ppm	ASTM D5185(m)	>20	<b>3</b>	3	2
Plomb	ppm	ASTM D5185(m)	>40	<b>17</b>	7	7
Cuivre	ppm	ASTM D5185(m)	>330	<b>2</b>	2	2
Étain	ppm	ASTM D5185(m)	>15	<b>0</b>	0	0
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	0

**CONTAMINATION**

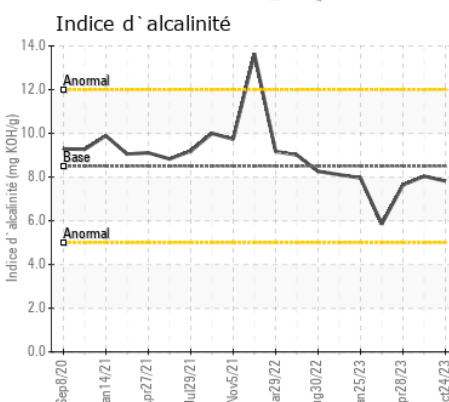
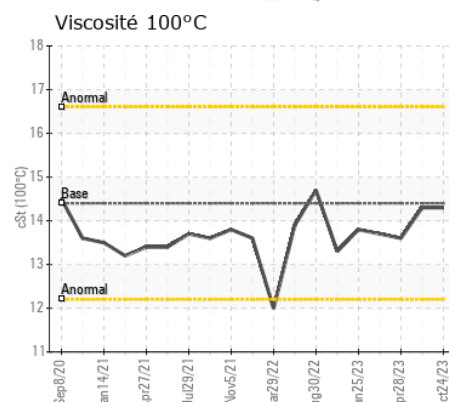
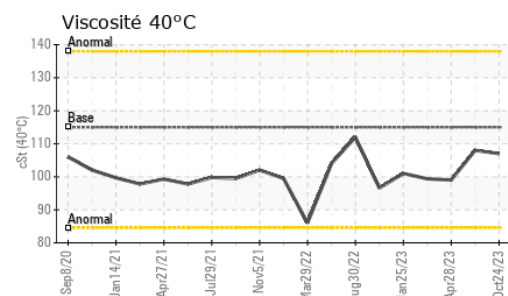
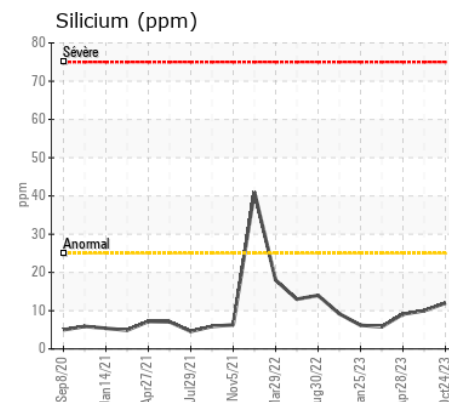
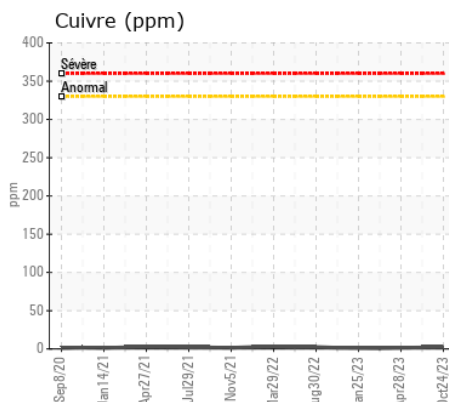
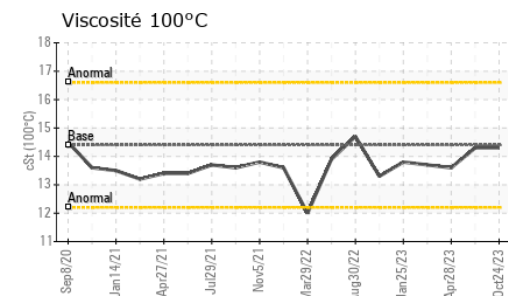
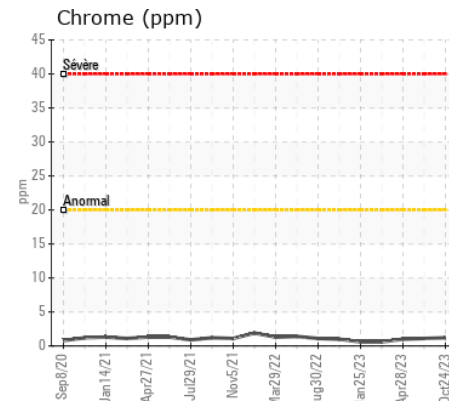
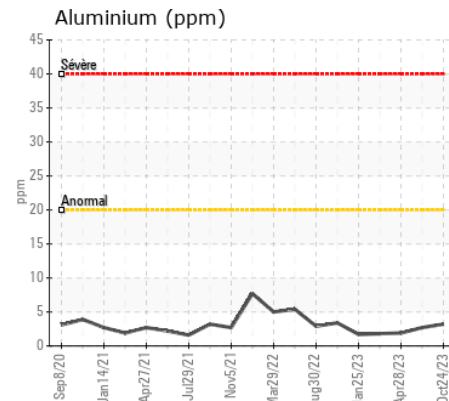
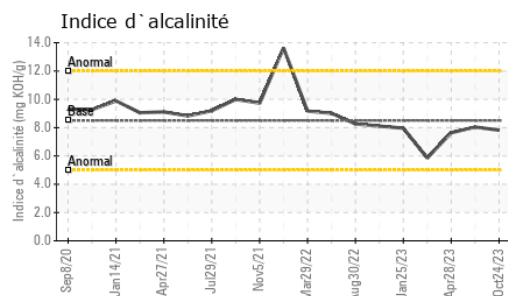
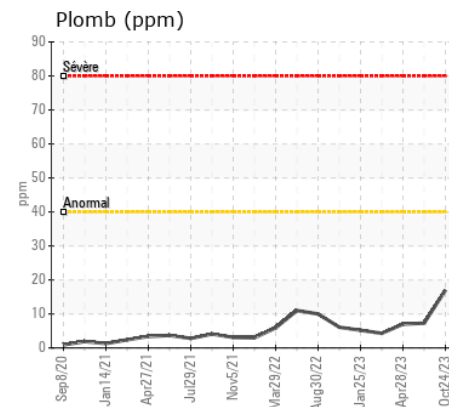
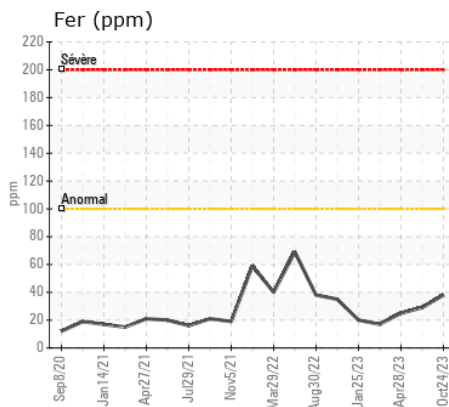
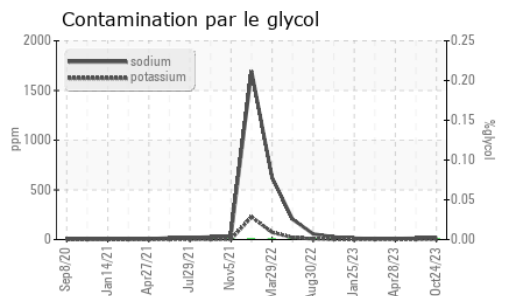
Il n'y a aucun indice de contamination dans l'huile.

Silicium	ppm	ASTM D5185(m)	>25	<b>12</b>	10	9
Potassium	ppm	ASTM D5185(m)	>20	<b>2</b>	1	<1
Essence		WC Method	>5	<b>&lt;1.0</b>	<1.0	<1.0
Glycol	%	ASTM D7922*		<b>0.0</b>	NEG	NEG
% de suie	%	ASTM D7844*	>3	<b>1.9</b>	1.4	0.9
Nitration	Abs/cm	ASTM D7624*	>20	<b>14.7</b>	13.1	12.0
Sulfatation	Abs/.1mm	ASTM D7415*	>30	<b>29.3</b>	27.0	25.9
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>23</b>	13	11
Bore	ppm	ASTM D5185(m)	250	<b>3</b>	2	8
Baryum	ppm	ASTM D5185(m)	10	<b>&lt;1</b>	0	0
Molybdène	ppm	ASTM D5185(m)	100	<b>79</b>	69	64
Manganèse	ppm	ASTM D5185(m)		<b>0</b>	<1	<1
Magnésium	ppm	ASTM D5185(m)	450	<b>1276</b>	1141	1001
Calcium	ppm	ASTM D5185(m)	3000	<b>1419</b>	1241	1276
Phosphore	ppm	ASTM D5185(m)	1150	<b>1267</b>	1194	1122
Zinc	ppm	ASTM D5185(m)	1350	<b>1576</b>	1388	1287
Soufre	ppm	ASTM D5185(m)	4250	<b>2888</b>	2586	2546
Oxydation	Abs/.1mm	ASTM D7414*	>25	<b>26.3</b>	23.6	23.1
Indice d'alcalinité	mg KOH/g	ASTM D2896*	8.5	<b>7.82</b>	8.04	7.64
Visc 40°C	cSt	ASTM D7279(m)	115	<b>107</b>	108	99.0
Visc 100°C	cSt	ASTM D7279(m)	14.4	<b>14.3</b>	14.3	13.6
Indice de viscosité (VI)	Scale	ASTM D2270*	126	<b>136</b>	134	137



ISO 17025:2017  
Accredited  
Laboratory

**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**N° d'échantillon** : PC0079967 **Reçu** : 31 Oct 2023  
**N° de laboratoire** : 02592909 **Diagnostiqué** : 01 Nov 2023  
**Numéro unique** : 5669988 **Diagnostiqueur** : Kevin Marson  
**Analyse** : MOB 2 ( Additional Tests: Glycol, KV40, VI )

**TRANSEDEV LIMOCAR**  
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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.