



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

Identité de la machine

**520421**

Composant

**Moteur à essence**

Fluide

**CASTROL SYNTEC 5W20 (--- 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>PC0073982</b>	PC0073515	---
Date d'échant.		Client Info		<b>05 Jun 2023</b>	04 May 2023	---
Âge d la Machine	kms	Client Info		<b>63540</b>	55692	---
Âge de l'huile	kms	Client Info		<b>7824</b>	7840	---
Âge du filtre	kms	Client Info		<b>7824</b>	7840	---
Huile changée		Client Info		<b>Changed</b>	Changed	---
Filtre changé		Client Info		<b>Changed</b>	Changed	---
Statut de l'échant.				<b>NORMAL</b>	NORMAL	---

**USURE**

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

Fer	ppm	ASTM D5185(m)	>150	<b>8</b>	8	---
Chrome	ppm	ASTM D5185(m)	>20	<b>&lt;1</b>	0	---
Nickel	ppm	ASTM D5185(m)	>5	<b>&lt;1</b>	<1	---
Titane	ppm	ASTM D5185(m)		<b>0</b>	0	---
Argent	ppm	ASTM D5185(m)	>2	<b>0</b>	0	---
Aluminium	ppm	ASTM D5185(m)	>40	<b>2</b>	2	---
Plomb	ppm	ASTM D5185(m)	>50	<b>&lt;1</b>	<1	---
Cuivre	ppm	ASTM D5185(m)	>155	<b>10</b>	12	---
Étain	ppm	ASTM D5185(m)	>10	<b>0</b>	0	---
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	---
Métal blanc	scalar	Visual*	NONE	<b>VLITE</b>	NONE	---
Bronze	scalar	Visual*	NONE	<b>NONE</b>	NONE	---

**CONTAMINATION**

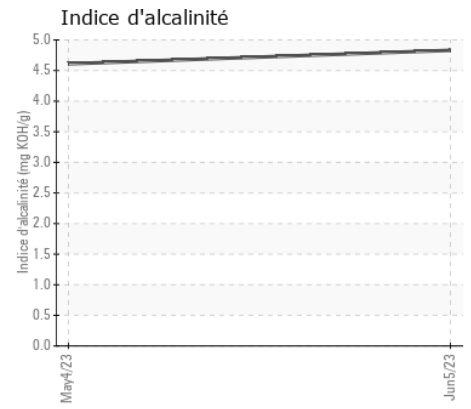
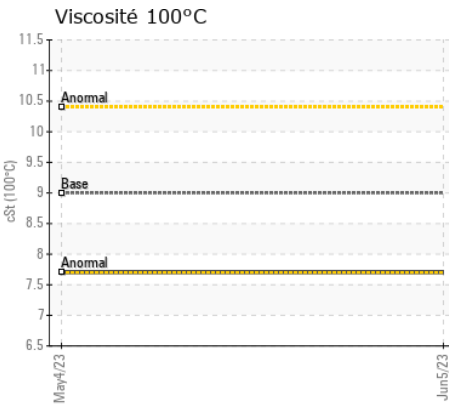
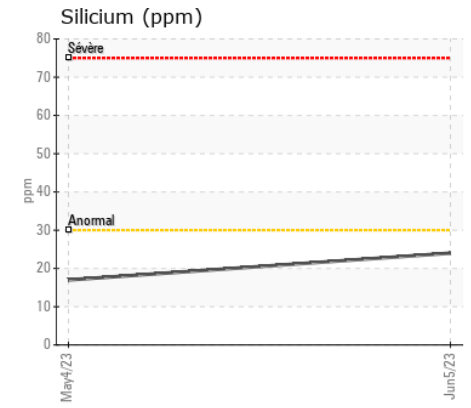
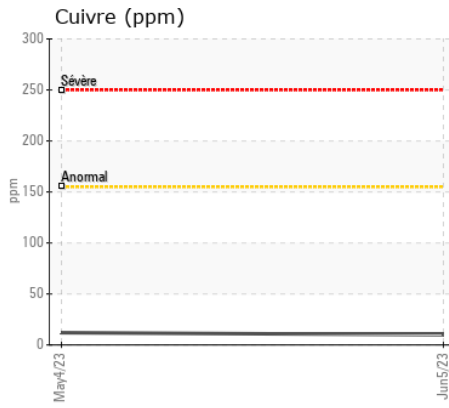
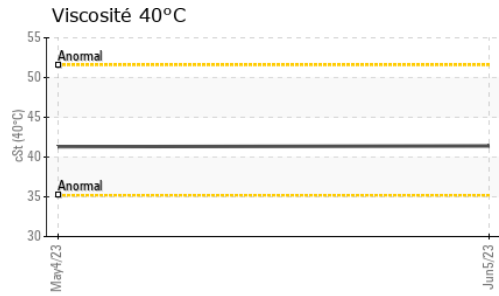
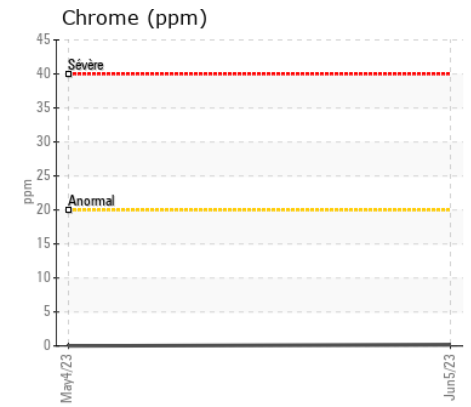
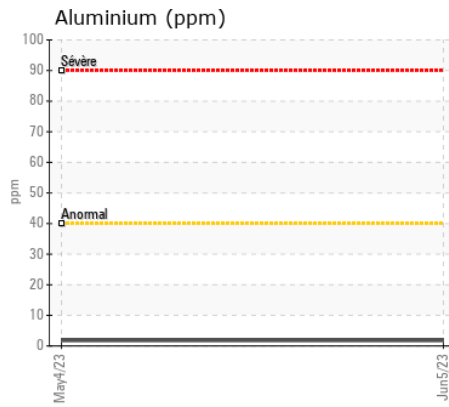
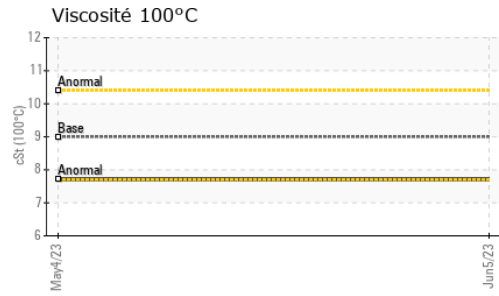
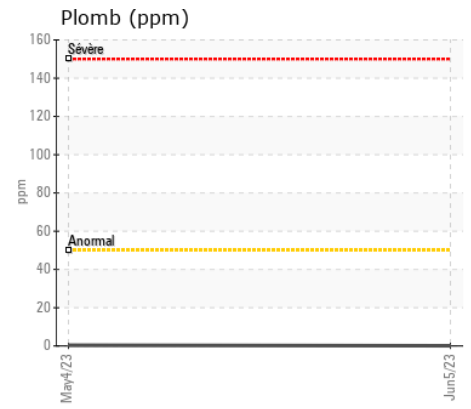
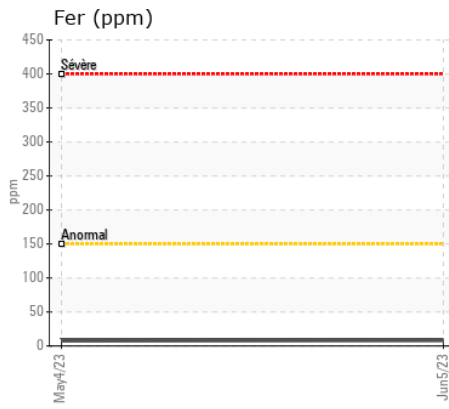
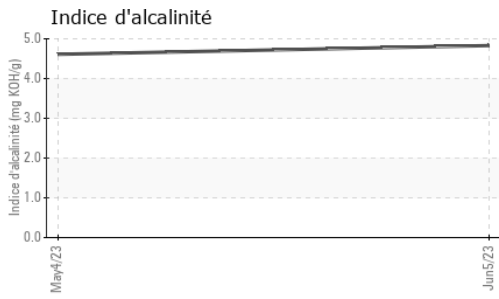
Il n'y a aucun indice de contamination dans l'huile.

Silicium	ppm	ASTM D5185(m)	>30	<b>24</b>	17	---
Potassium	ppm	ASTM D5185(m)	>20	<b>0</b>	0	---
Essence		WC Method	>4.0	<b>&lt;1.0</b>	<1.0	---
Glycol		WC Method		<b>NEG</b>	NEG	---
% de suie	%	ASTM D7844*		<b>0</b>	0	---
Nitration	Abs/cm	ASTM D7624*	>20	<b>8.7</b>	8.8	---
Sulfatation	Abs/.1mm	ASTM D7415*	>30	<b>20.9</b>	22.2	---
Limon	scalar	Visual*	NONE	<b>NONE</b>	NONE	---
Débris	scalar	Visual*	NONE	<b>NONE</b>	NONE	---
Saleté	scalar	Visual*	NONE	<b>NONE</b>	NONE	---
Apparence	scalar	Visual*	NORML	<b>NORML</b>	NORML	---
Odeur	scalar	Visual*	NORML	<b>NORML</b>	NORML	---
Eau émulsifiée	scalar	Visual*	>0.2	<b>NEG</b>	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)	>400	<b>2</b>	2	---
Bore	ppm	ASTM D5185(m)		<b>90</b>	85	---
Baryum	ppm	ASTM D5185(m)		<b>0</b>	0	---
Molybdène	ppm	ASTM D5185(m)		<b>70</b>	68	---
Manganèse	ppm	ASTM D5185(m)		<b>&lt;1</b>	<1	---
Magnésium	ppm	ASTM D5185(m)		<b>527</b>	508	---
Calcium	ppm	ASTM D5185(m)	2400	<b>1237</b>	1269	---
Phosphore	ppm	ASTM D5185(m)	750	<b>724</b>	721	---
Zinc	ppm	ASTM D5185(m)	800	<b>767</b>	747	---
Soufre	ppm	ASTM D5185(m)		<b>2322</b>	2366	---
Oxydation	Abs/.1mm	ASTM D7414*	>25	<b>13.8</b>	14.3	---
Indice d'alcalinité	mg KOH/g	ASTM D2896*		<b>4.83</b>	4.61	---
Visc 40°C	cSt	ASTM D7279(m)		<b>41.4</b>	41.3	---
Visc 100°C	cSt	ASTM D7279(m)	9.0	<b>7.7</b>	7.7	---
Indice de viscosité (VI)	Scale	ASTM D2270*		<b>157</b>	157	---



ISO 17025:2017  
Accredited  
Laboratory

**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**N° d'échantillon** : PC0073982 **Reçu** : 29 Jun 2023  
**N° de laboratoire** : 02567273 **Diagnostiqué** : 30 Jun 2023  
**Numéro unique** : 5604319 **Diagnostiqueur** : Wes Davis  
**Analyse** : MOB 2 ( Additional Tests: KV40, VI )

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.  
 Validity of results and interpretation are based on the sample and information as supplied.

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