



USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL



Identité de la machine

926051

Composant

Moteur diesel

Fluide

DIESEL ENGINE OIL SAE 30 (--- 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		GFL0080335	GFL0077128	GFL0053451
Date d'échant.		Client Info		29 Aug 2023	15 Mar 2023	07 Sep 2022
Âge d la Machine	kms	Client Info		404880	391120	364915
Âge de l'huile	kms	Client Info		600	600	0
Âge du filtre	kms	Client Info		600	600	0
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)	>120	17	13	29
Chrome	ppm	ASTM D5185(m)	>20	<1	<1	<1
Nickel	ppm	ASTM D5185(m)	>5	0	<1	<1
Titane	ppm	ASTM D5185(m)	>2	0	<1	<1
Argent	ppm	ASTM D5185(m)	>2	0	0	0
Aluminium	ppm	ASTM D5185(m)	>20	20	6	5
Plomb	ppm	ASTM D5185(m)	>40	<1	<1	4
Cuivre	ppm	ASTM D5185(m)	>330	4	4	15
Étain	ppm	ASTM D5185(m)	>15	3	<1	<1
Vanadium	ppm	ASTM D5185(m)		0	0	0
Métal blanc	scalar	Visual*	NONE	VLITE	---	---
Bronze	scalar	Visual*	NONE	NONE	---	---

CONTAMINATION

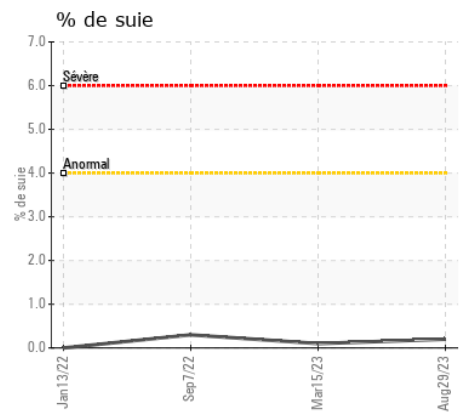
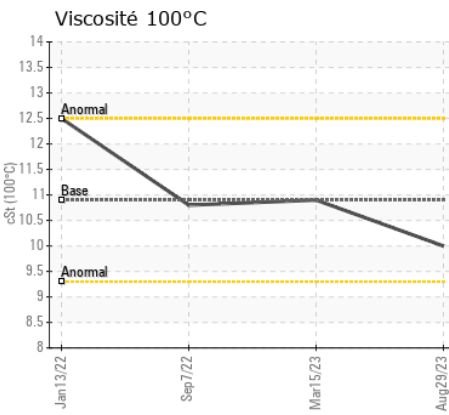
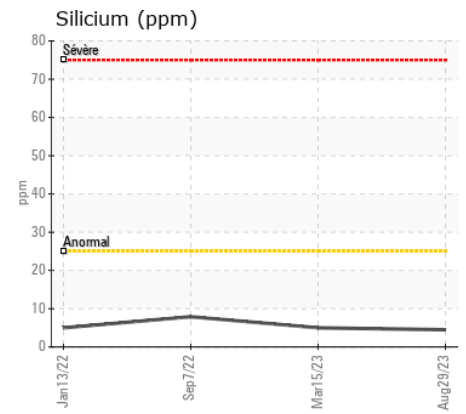
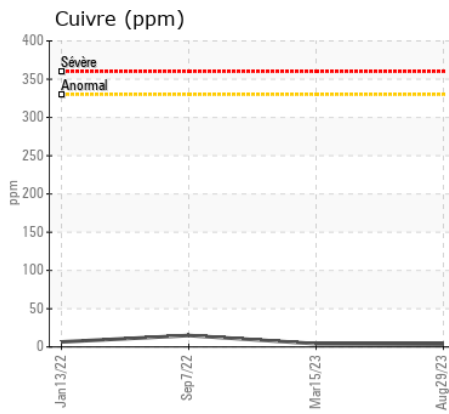
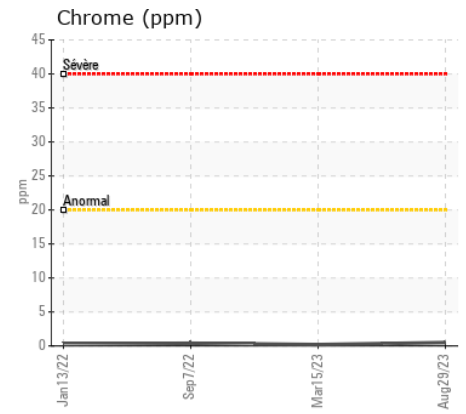
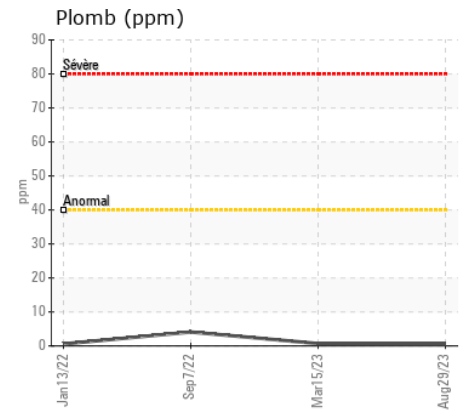
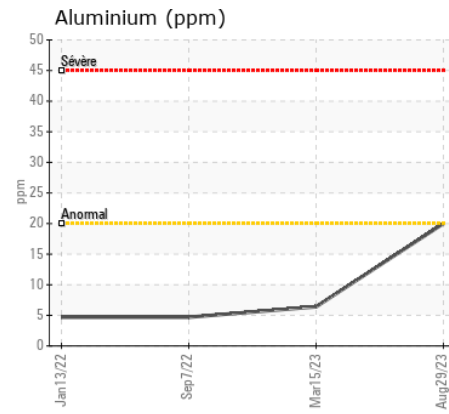
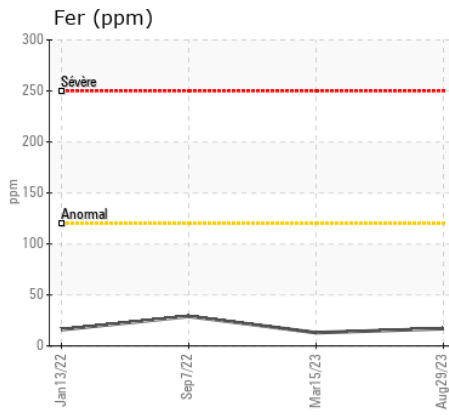
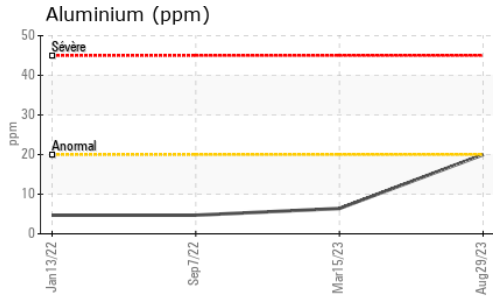
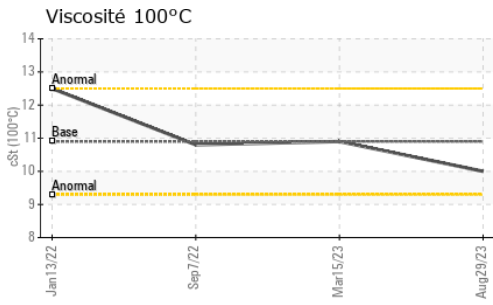
Elevated aluminum (Al) and/or lead (Pb) and potassium (K) levels in your metals analysis are likely a result of solder flux release into the lubricant and is common on new equipment/components. Il n'y a aucun indice de contamination dans l'huile.

Silicium	ppm	ASTM D5185(m)	>25	4	5	8
Potassium	ppm	ASTM D5185(m)	>20	37	7	3
Essence		WC Method	>3.0	<1.0	<1.0	<1.0
Glycol		WC Method		NEG	NEG	NEG
% de suie	%	ASTM D7844*	>4	0.2	0.1	0.3
Nitration	Abs/cm	ASTM D7624*	>20	8.0	9.9	10.1
Sulfatation	Abs/.1mm	ASTM D7415*	>30	19.5	24.7	24.9
Limon	scalar	Visual*	NONE	NONE	---	---
Débris	scalar	Visual*	NONE	VLITE	---	---
Saleté	scalar	Visual*	NONE	NONE	---	---
Apparence	scalar	Visual*	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)	>75	4	4	5
Bore	ppm	ASTM D5185(m)	250	7	32	9
Baryum	ppm	ASTM D5185(m)	10	0	0	0
Molybdène	ppm	ASTM D5185(m)	100	51	10	24
Manganèse	ppm	ASTM D5185(m)		<1	<1	<1
Magnésium	ppm	ASTM D5185(m)	450	845	672	360
Calcium	ppm	ASTM D5185(m)	3000	954	1323	1758
Phosphore	ppm	ASTM D5185(m)	1150	960	724	1012
Zinc	ppm	ASTM D5185(m)	1350	1071	767	1137
Soufre	ppm	ASTM D5185(m)	4250	2357	2412	2550
Oxydation	Abs/.1mm	ASTM D7414*	>25	15.5	16.2	19.4
Visc 100°C	cSt	ASTM D7279(m)	10.9	10.0	10.9	10.8



ISO 17025:2017
Accredited
Laboratory

Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 GFL Environmental - 730 - Chicoutimi - Hauling
N° d'échantillon : GFL0080335 **Reçu** : 13 Sep 2023 3199 Boul. Talbot
N° de laboratoire : 02581962 **Diagnostiqué** : 14 Sep 2023 Chicoutimi, QC
Numéro unique : 5643027 **Diagnostiqueur** : Wes Davis CA G7H 5B1
Analyse : MOB 1 (Additional Tests: Visual) Contact: Yan Houde
 yhoude@matrec.ca

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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