



USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL

Identité de la machine

3277

Composant

Moteur diesel

Fluid

DIESEL ENGINE OIL SAE 15W40 (--- LTR)

RECOMMENDATION

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Veuillez préciser la marque et le modèle du composant lors du prochain échantillon.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		GFL0278126	---	---
Date d'échant.		Client Info		20 Mar 2024	---	---
Âge d la Machine	hrs	Client Info		51	---	---
Âge de l'huile	hrs	Client Info		0	---	---
Âge du filtre	hrs	Client Info		0	---	---
Huile changée		Client Info		Not Chngd	---	---
Filtre changé		Client Info		Not Chngd	---	---
Statut de l'échant.				NORMAL	---	---

USURE

Les taux de métaux sont typiques pour la période de rodage d'un nouveau composant.

Fer	ppm	ASTM D5185(m)	>100	6	---	---
Chrome	ppm	ASTM D5185(m)	>20	0	---	---
Nickel	ppm	ASTM D5185(m)	>4	0	---	---
Titane	ppm	ASTM D5185(m)		<1	---	---
Argent	ppm	ASTM D5185(m)	>3	0	---	---
Aluminium	ppm	ASTM D5185(m)	>20	2	---	---
Plomb	ppm	ASTM D5185(m)	>40	0	---	---
Cuivre	ppm	ASTM D5185(m)	>330	<1	---	---
Étain	ppm	ASTM D5185(m)	>15	0	---	---
Vanadium	ppm	ASTM D5185(m)		0	---	---
Métal blanc	scalar	Visual*	NONE	NONE	---	---
Bronze	scalar	Visual*	NONE	NONE	---	---

CONTAMINATION

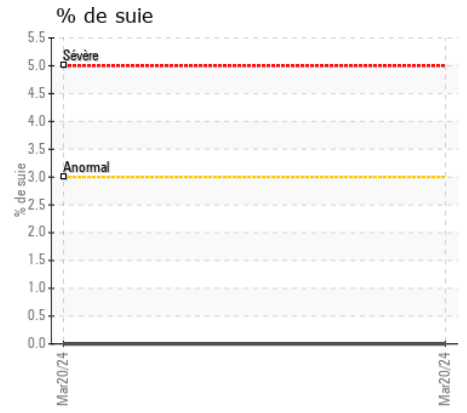
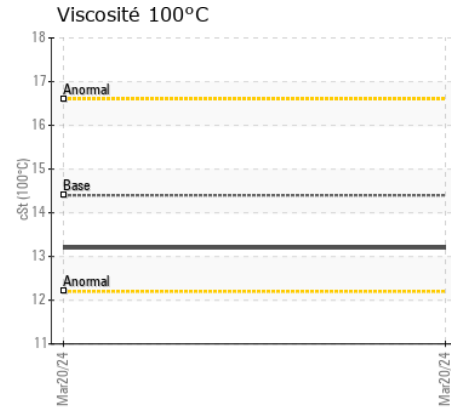
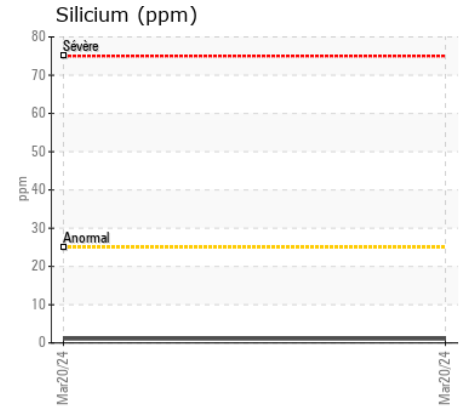
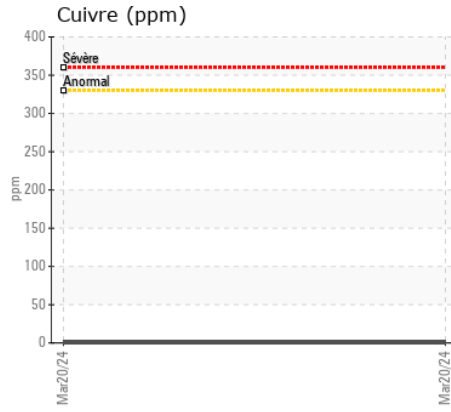
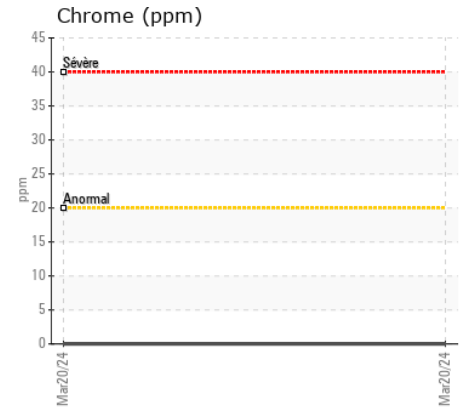
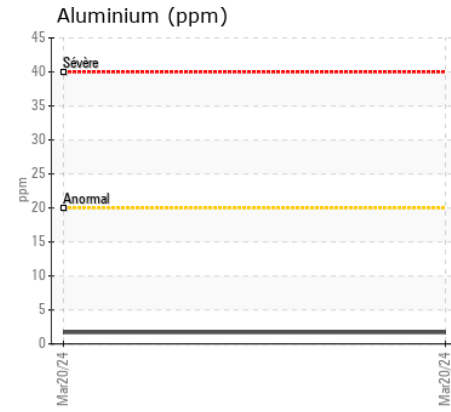
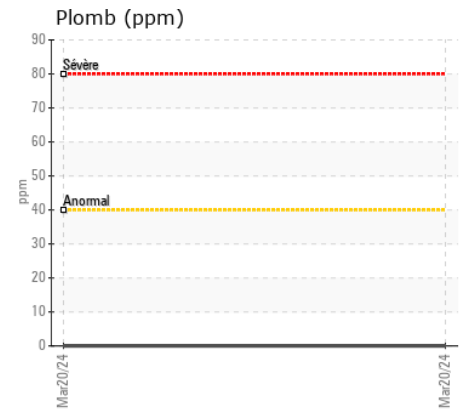
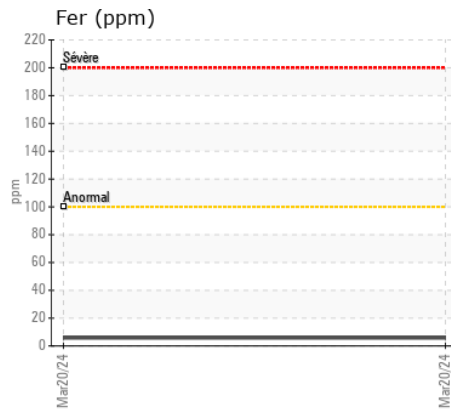
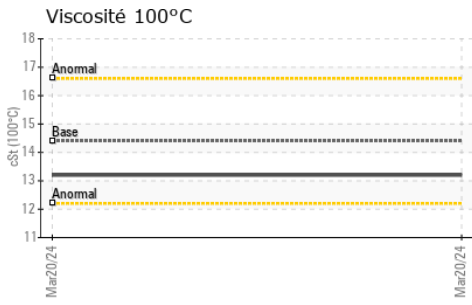
Il n'y a aucun indice de contamination dans l'huile.

Silicium	ppm	ASTM D5185(m)	>25	1	---	---
Potassium	ppm	ASTM D5185(m)	>20	0	---	---
Essence		WC Method	>5	<1.0	---	---
L'eau		WC Method	>0.2	NEG	---	---
Glycol		WC Method		NEG	---	---
% de suie	%	ASTM D7844*	>3	0	---	---
Nitration	Abs/cm	ASTM D7624*	>20	6.8	---	---
Sulfatation	Abs/.1mm	ASTM D7415*	>30	16.6	---	---
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	---	---
Eau émulsifiée	scalar	Visual*	>0.2	NEG	---	---

ÉTAT DU FLUIDE

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

Sodium	ppm	ASTM D5185(m)	>158	4	---	---
Bore	ppm	ASTM D5185(m)	250	6	---	---
Baryum	ppm	ASTM D5185(m)	10	0	---	---
Molybdène	ppm	ASTM D5185(m)	100	4	---	---
Manganèse	ppm	ASTM D5185(m)		0	---	---
Magnésium	ppm	ASTM D5185(m)	450	38	---	---
Calcium	ppm	ASTM D5185(m)	3000	2157	---	---
Phosphore	ppm	ASTM D5185(m)	1150	925	---	---
Zinc	ppm	ASTM D5185(m)	1350	1066	---	---
Soufre	ppm	ASTM D5185(m)	4250	3111	---	---
Oxydation	Abs/.1mm	ASTM D7414*	>25	13.3	---	---
Visc 100°C	cSt	ASTM D7279(m)	14.4	13.2	---	---



Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : GFL0278126 **Reçu** : 01 Apr 2024
N° de laboratoire : 02625508 **Tested** : 01 Apr 2024
Numéro unique : 5750627 **Diagnostiqué** : 01 Apr 2024 - Wes Davis
Analyse : MOB 1 (Additional Tests: Visual)

LIEBHERR CANADA LTEE
 4250 AUTOROUTE CHOMEDEY 13
 LAVAL, QC
 CA H7R 6E9
 Contact: Stephane Plourde
 Stephane.Plourde@liebherr.com
 T: (450)963-7174
 F: (450)963-9176

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.