



LIEBHERR

RAPPORT D'ANALYSE D'HUILE

USURE **NORMAL**

CONTAMINATION **NORMAL**

ÉTAT DU FLUIDE **NORMAL**



Identité de la machine

LIEBHERR PR766 024517-1681

Composant

Boîte de séparation

Fluid

LIEBHERR GEAR BASIC 90 LS (--- 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		LH0279174	---	---
Date d'échant.		Client Info		02 Jan 2024	---	---
Âge d la Machine	hrs	Client Info		500	---	---
Âge de l'huile	hrs	Client Info		0	---	---
Âge du filtre	hrs	Client Info		0	---	---
Huile changée		Client Info		Changed	---	---
Filtre changé		Client Info		N/A	---	---
Statut de l'échant.				NORMAL	---	---

USURE

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

PQ		ASTM D8184*	>80	1	---	---
Fer	ppm	ASTM D5185(m)	>100	256	---	---
Chrome	ppm	ASTM D5185(m)	>5	2	---	---
Nickel	ppm	ASTM D5185(m)	>5	<1	---	---
Titane	ppm	ASTM D5185(m)		0	---	---
Argent	ppm	ASTM D5185(m)		0	---	---
Aluminium	ppm	ASTM D5185(m)	>20	8	---	---
Plomb	ppm	ASTM D5185(m)	>30	<1	---	---
Cuivre	ppm	ASTM D5185(m)	>20	3	---	---
Étain	ppm	ASTM D5185(m)	>10	0	---	---
Vanadium	ppm	ASTM D5185(m)		0	---	---
Métal blanc	scalar	Visual*	NONE	NONE	---	---
Bronze	scalar	Visual*	NONE	NONE	---	---

CONTAMINATION

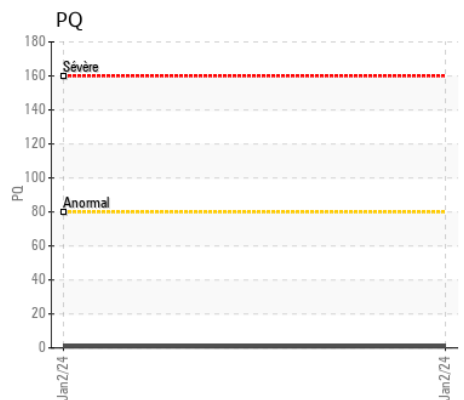
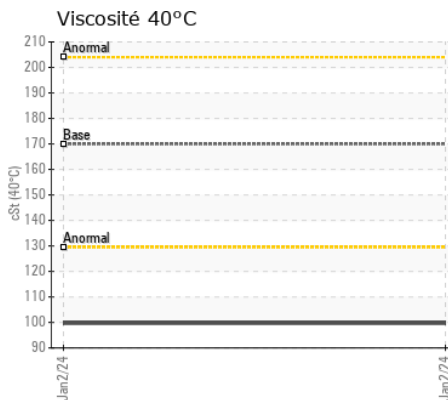
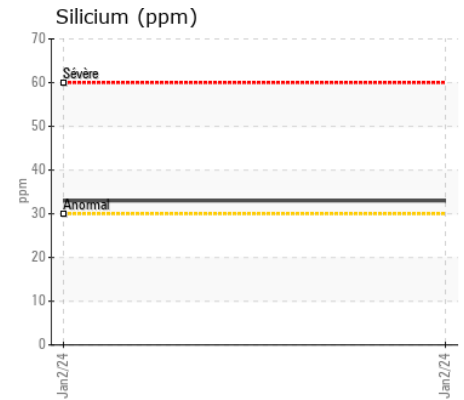
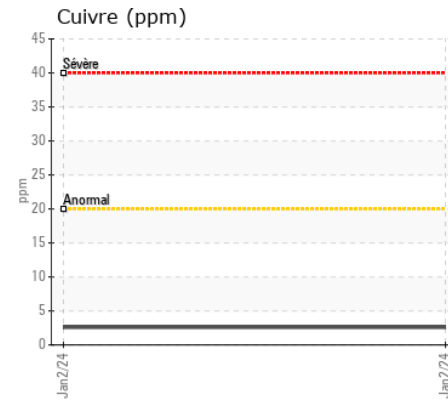
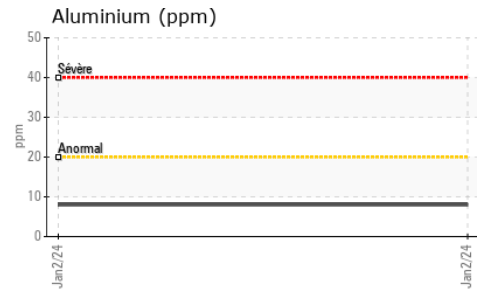
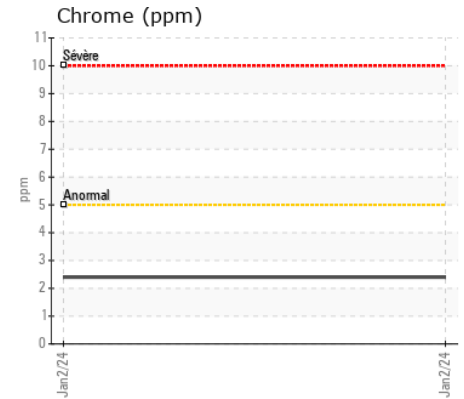
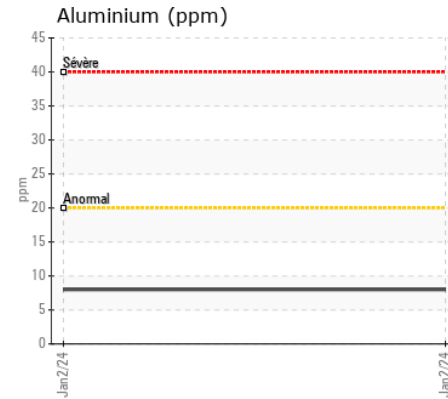
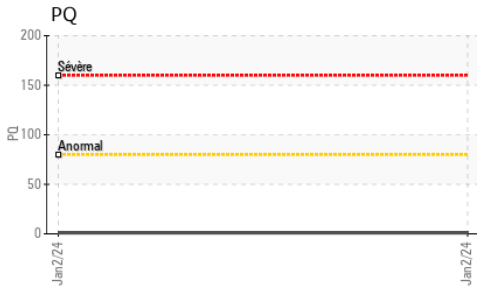
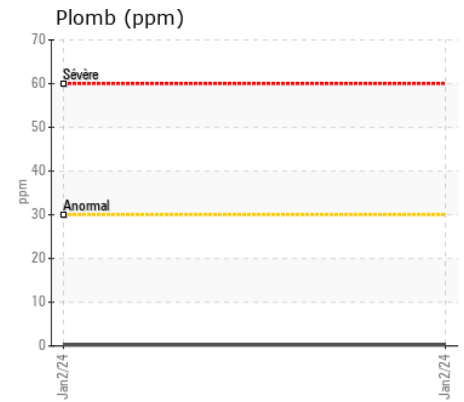
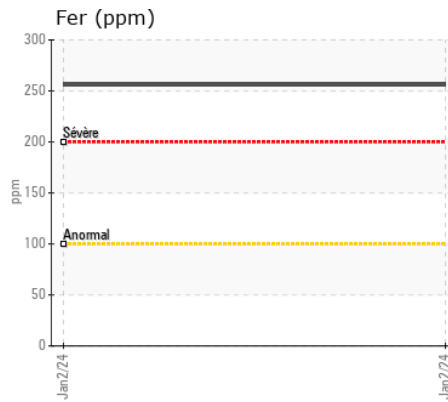
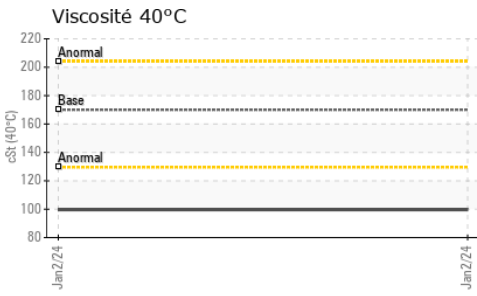
Il n'y a aucun indice de contamination dans l'huile.

Silicium	ppm	ASTM D5185(m)	>30	33	---	---
Potassium	ppm	ASTM D5185(m)	>20	2	---	---
L'eau		WC Method	>0.1	NEG	---	---
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*	>0.1	NEG	---	---

ÉTAT DU FLUIDE

La viscosité de l'échantillon se situe dans la portée de l'SAE 75W90; nous vous conseillons de vérifier. L'état de l'huile est acceptable pour la durée de service.

Sodium	ppm	ASTM D5185(m)	>25	3	---	---
Bore	ppm	ASTM D5185(m)	0	80	---	---
Baryum	ppm	ASTM D5185(m)	0	<1	---	---
Molybdène	ppm	ASTM D5185(m)	0	0	---	---
Manganèse	ppm	ASTM D5185(m)	0	2	---	---
Magnésium	ppm	ASTM D5185(m)	<1	3	---	---
Calcium	ppm	ASTM D5185(m)	<1	14	---	---
Phosphore	ppm	ASTM D5185(m)	2143	1271	---	---
Zinc	ppm	ASTM D5185(m)	<1	243	---	---
Soufre	ppm	ASTM D5185(m)	23468	21061	---	---
Visc 40°C	cSt	ASTM D7279(m)	170	99.7	---	---



ISO 17025:2017
Accredited
Laboratory

Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9

N° d'échantillon : LH0279174

N° de laboratoire : 02616061

Numéro unique : 5733171

Analyse : MOB 1 (Additional Tests: PQ)

Reçu : 15 Feb 2024

Tested : 15 Feb 2024

Diagnostiqué : 16 Feb 2024 - Kevin Marson

ArcelorMittal Mines Canada

1000 Route 389, (Mont-Wright)

Fermont, QC

CA G0G 1J0

Contact: Alexandre Lévesque

alexandre.levesque@arcelormittal.com

T: (418)287-4700

F:

Pour discuter cette 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.