



LIEBHERR

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Machine Id
LIEBHERR L586 048529-1334
Component
Transmission (Manual)
Fluid
GEAR OIL LS 80W90 (--- GAL)

RECOMMENDATION

Confirm the source of the lubricant being utilized for top-up/fill. Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Le fluide était spécifié comme (GENERIC) GEAR OIL LS 80W90, toutefois, une comparaison avec d'autres fluides indiquent que ce fluide est du SAE 75W80 Tractor TDH Fluid. Veuillez confirmer la viscosité de l'huile et veuillez préciser la marque de votre prochain échantillon.

WEAR

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

CONTAMINATION

Il n'y a aucun indice de contamination dans le fluide.

FLUID CONDITION

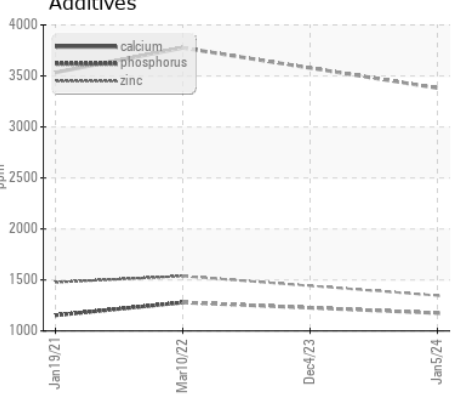
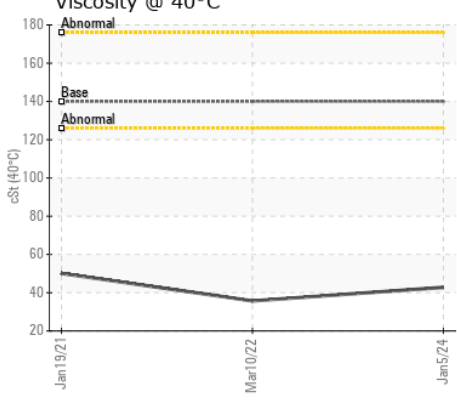
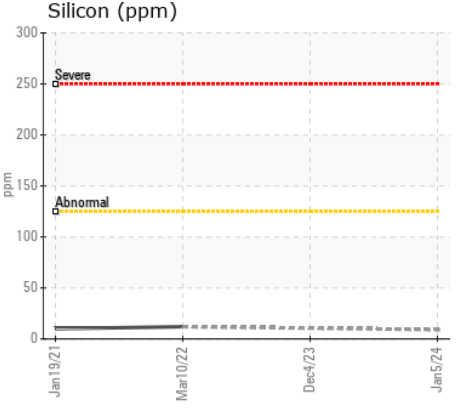
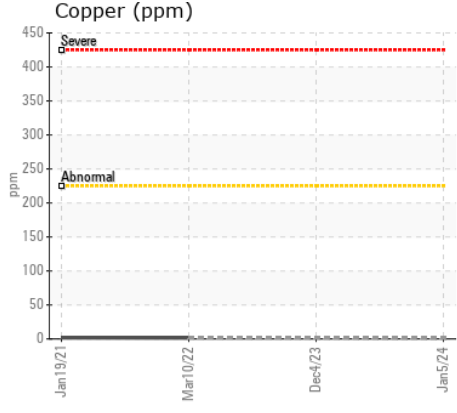
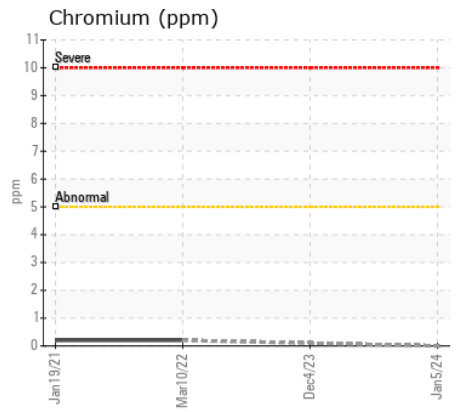
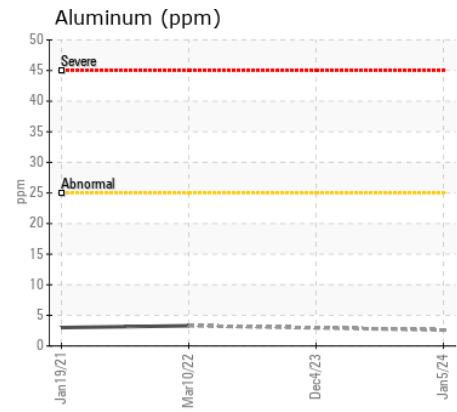
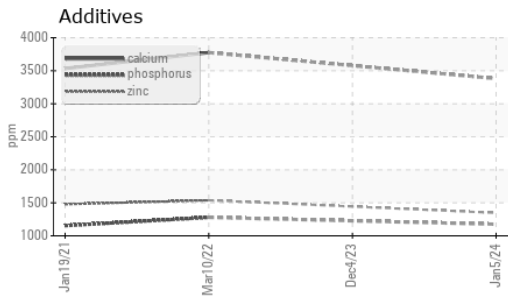
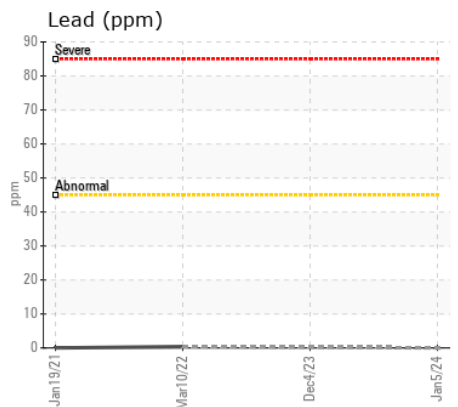
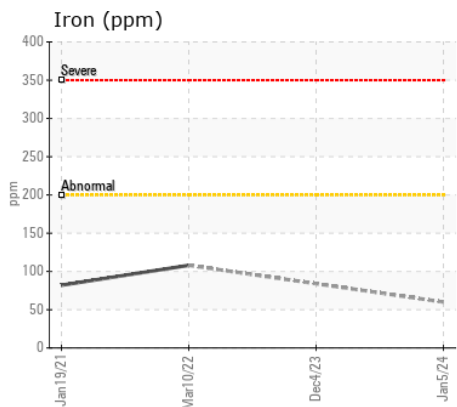
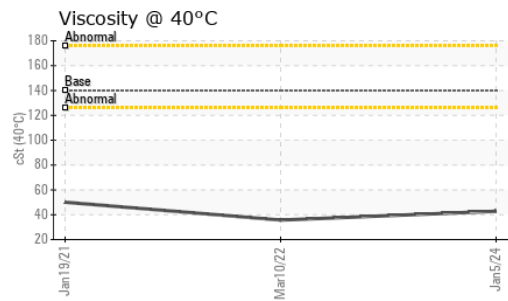
La viscosité de l'échantillon se situe dans la portée de l'SAE 75W80; nous vous conseillons de vérifier. Ceci, en plus des niveaux d'additifs, indique que la marque ou le type d'huile ne correspond pas à ce qui a été signalé. L'état de le fluide est acceptable pour la durée de service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		LH0163394	LH0163407	LH0227154
Sample Date		Client Info		05 Jan 2024	04 Dec 2023	10 Mar 2022
Machine Age	hrs	Client Info		6304	4000	0
Oil Age	hrs	Client Info		0	---	0
Filter Age	hrs	Client Info		0	---	0
Oil Changed		Client Info		Changed	N/A	Changed
Filter Changed		Client Info		None	N/A	N/A
Sample Status				NORMAL	---	NORMAL

Iron	ppm	ASTM D5185(m)	>200	60	---	108
Chromium	ppm	ASTM D5185(m)	>5	0	---	<1
Nickel	ppm	ASTM D5185(m)	>5	0	---	0
Titanium	ppm	ASTM D5185(m)		0	---	0
Silver	ppm	ASTM D5185(m)	>7	0	---	0
Aluminum	ppm	ASTM D5185(m)	>25	3	---	3
Lead	ppm	ASTM D5185(m)	>45	0	---	<1
Copper	ppm	ASTM D5185(m)	>225	1	---	2
Tin	ppm	ASTM D5185(m)	>10	0	---	0
Vanadium	ppm	ASTM D5185(m)		0	---	0
White Metal	scalar	Visual*	NONE	NONE	NONE	NONE
Yellow Metal	scalar	Visual*	NONE	NONE	NONE	NONE

Silicon	ppm	ASTM D5185(m)	>125	9	---	12
Potassium	ppm	ASTM D5185(m)	>20	5	---	<1
Water		WC Method	>0.1	NEG	NEG	NEG
Silt	scalar	Visual*	NONE	NONE	NONE	VLITE
Debris	scalar	Visual*	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	Visual*	NONE	NONE	NONE	NONE
Appearance	scalar	Visual*	NORML	NORML	NORML	NORML
Odor	scalar	Visual*	NORML	NORML	NORML	NORML
Emulsified Water	scalar	Visual*	>0.1	NEG	NEG	NEG

Sodium	ppm	ASTM D5185(m)		6	---	9
Boron	ppm	ASTM D5185(m)	150	95	---	109
Barium	ppm	ASTM D5185(m)		0	---	0
Molybdenum	ppm	ASTM D5185(m)		3	---	<1
Manganese	ppm	ASTM D5185(m)		<1	---	1
Magnesium	ppm	ASTM D5185(m)	10	58	---	16
Calcium	ppm	ASTM D5185(m)	70	3381	---	3775
Phosphorus	ppm	ASTM D5185(m)	2000	1175	---	1279
Zinc	ppm	ASTM D5185(m)	50	1347	---	1538
Sulfur	ppm	ASTM D5185(m)	20000	4610	---	3214
Visc @ 40°C	cSt	ASTM D7279(m)	140	42.8	---	35.7



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : LH0163394 **Received** : 11 Jan 2024
Lab Number : 02608251 **Diagnosed** : 12 Jan 2024
Unique Number : 5709337 **Diagnostician** : Kevin Marson
Test Package : MOBCE (Additional Tests: Visual)

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To discuss this sample report, contact Customer Service at 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.