



LIEBHERR

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Machine Id
108395-1185
Component
Transmission (Manual)
Fluid
SAE 10W40 (--- GAL)

RECOMMENDATION

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition.

WEAR

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

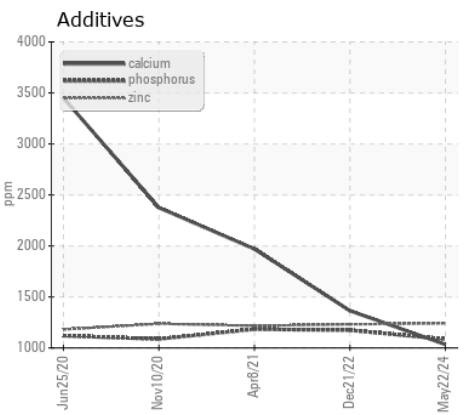
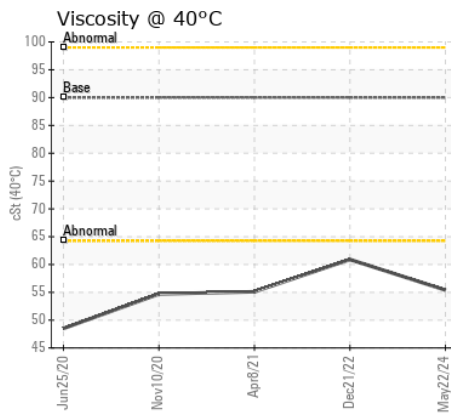
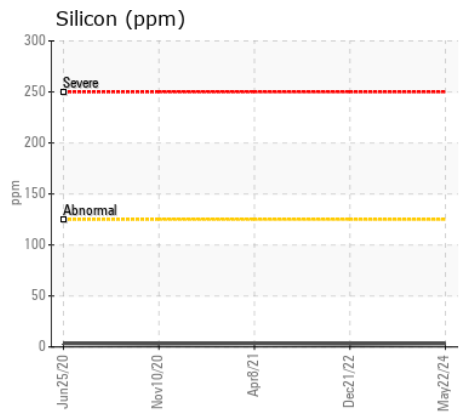
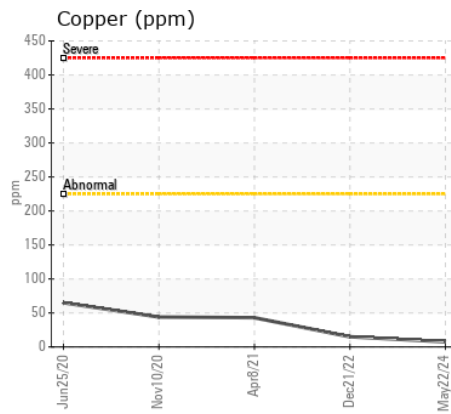
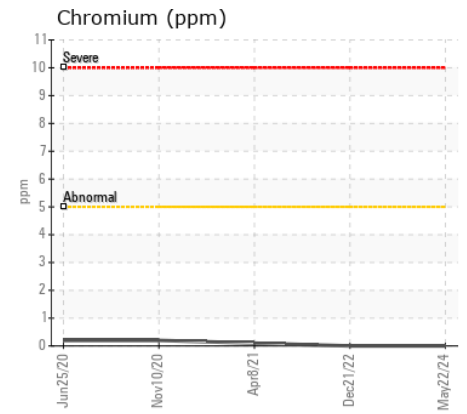
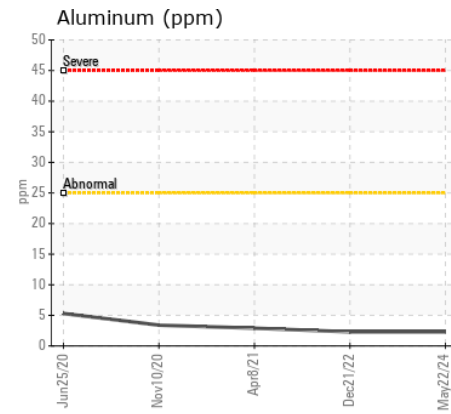
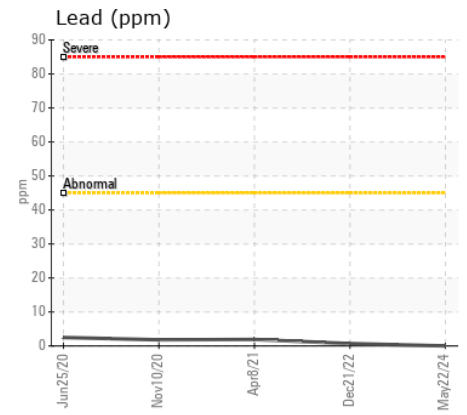
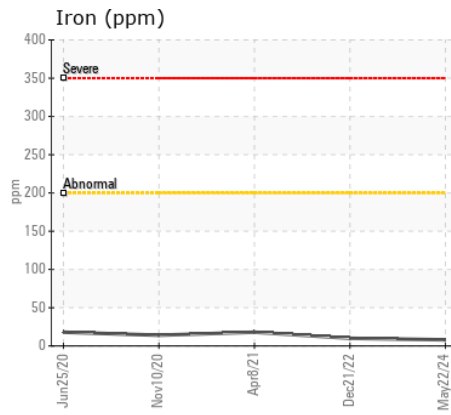
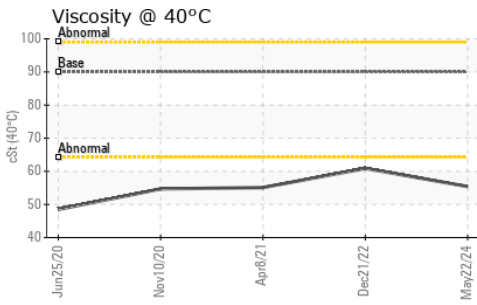
CONTAMINATION

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 20; nous vous conseillons de vérifier. L'état de le fluide est acceptable pour la durée de service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		LH	LH0242901	LH0203344
Sample Date		Client Info		22 May 2024	21 Dec 2022	08 Apr 2021
Machine Age	hrs	Client Info		6899	5183	0
Oil Age	hrs	Client Info		0	0	0
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Changed	Changed	Changed
Filter Changed		Client Info		N/A	N/A	N/A
Sample Status				NORMAL	ABNORMAL	NORMAL
Iron	ppm	ASTM D5185(m)	>200	8	10	18
Chromium	ppm	ASTM D5185(m)	>5	0	0	<1
Nickel	ppm	ASTM D5185(m)	>5	0	0	<1
Titanium	ppm	ASTM D5185(m)		0	<1	0
Silver	ppm	ASTM D5185(m)	>7	0	0	0
Aluminum	ppm	ASTM D5185(m)	>25	2	2	3
Lead	ppm	ASTM D5185(m)	>45	0	<1	2
Copper	ppm	ASTM D5185(m)	>225	8	15	43
Tin	ppm	ASTM D5185(m)	>10	<1	<1	2
Vanadium	ppm	ASTM D5185(m)		0	0	<1
White Metal	scalar	Visual*	NONE	NONE	NONE	NONE
Yellow Metal	scalar	Visual*	NONE	NONE	NONE	NONE
Silicon	ppm	ASTM D5185(m)	>125	3	3	3
Potassium	ppm	ASTM D5185(m)	>20	<1	<1	2
Water		WC Method	>0.1	NEG	NEG	NEG
Silt	scalar	Visual*	NONE	NONE	NONE	NONE
Debris	scalar	Visual*	NONE	NONE	NONE	VLITE
Sand/Dirt	scalar	Visual*	NONE	VLITE	NONE	VLITE
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)	>401	5	5	16
Boron	ppm	ASTM D5185(m)		35	3	4
Barium	ppm	ASTM D5185(m)		<1	0	<1
Molybdenum	ppm	ASTM D5185(m)		60	57	37
Manganese	ppm	ASTM D5185(m)		3	3	9
Magnesium	ppm	ASTM D5185(m)		1073	930	612
Calcium	ppm	ASTM D5185(m)		1034	1365	1970
Phosphorus	ppm	ASTM D5185(m)		1086	1174	1183
Zinc	ppm	ASTM D5185(m)		1241	1231	1217
Sulfur	ppm	ASTM D5185(m)		2983	3469	5217
Visc @ 40°C	cSt	ASTM D7279(m)	90.0	55.4	▲ 60.9	55.1



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : LH
Lab Number : 02641192
Unique Number : 5798731
Test Package : MOB 1
Received : 11 Jun 2024
Tested : 11 Jun 2024
Diagnosed : 12 Jun 2024 - Kevin Marson

GFL Environmental - 756 - Quebec Lavoisier MRF
 2244 rue Lavoisier
 Quebec, QC
 CA G1N 4H2
 Contact: Service Manager

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.

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F: