



LIEBHERR

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Machine Id
LIEBHERR LH26M 146752-1252
Component
Diesel Engine
Fluid
SAE 5W40 (--- GAL)

RECOMMENDATION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		LH0266491	LH0266488	LH0266480
Sample Date		Client Info		09 May 2024	19 Mar 2024	30 Jan 2024
Machine Age	hrs	Client Info		3030	2513	2021
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		Changed	Changed	Changed
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

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

Iron	ppm	ASTM D5185(m)	>100	19	13	10
Chromium	ppm	ASTM D5185(m)	>5	<1	<1	<1
Nickel	ppm	ASTM D5185(m)	>5	<1	0	0
Titanium	ppm	ASTM D5185(m)		<1	<1	0
Silver	ppm	ASTM D5185(m)	>3	0	0	0
Aluminum	ppm	ASTM D5185(m)	>15	1	1	3
Lead	ppm	ASTM D5185(m)	>30	<1	0	<1
Copper	ppm	ASTM D5185(m)	>125	2	2	3
Tin	ppm	ASTM D5185(m)	>5	0	0	0
Vanadium	ppm	ASTM D5185(m)		0	0	0

CONTAMINATION

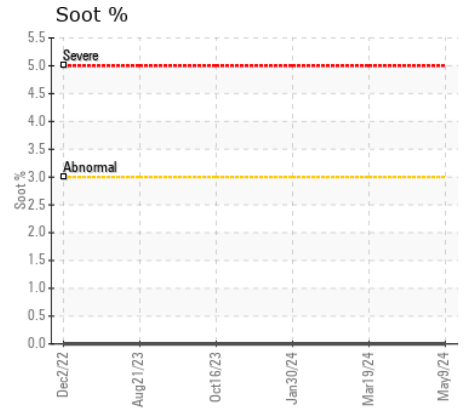
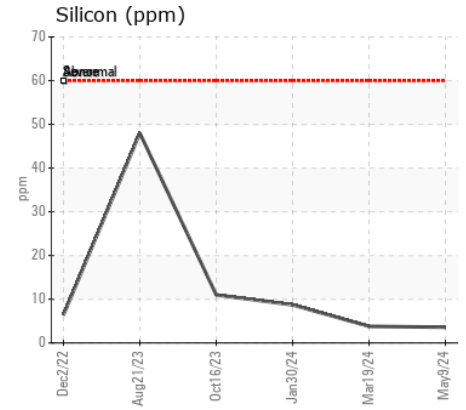
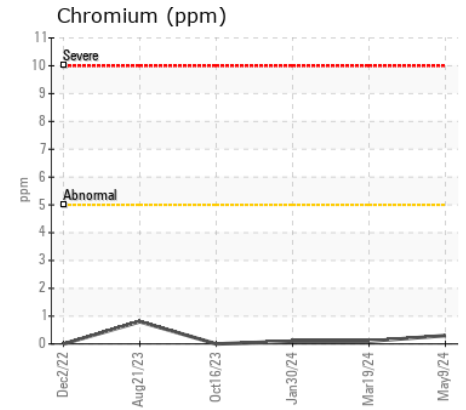
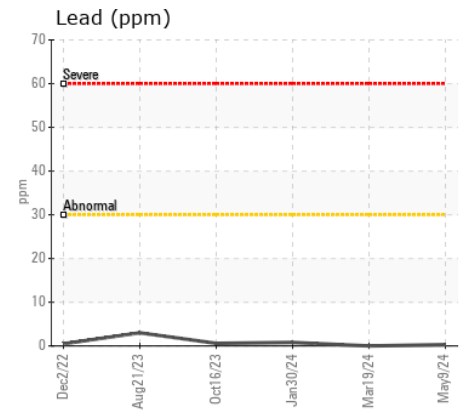
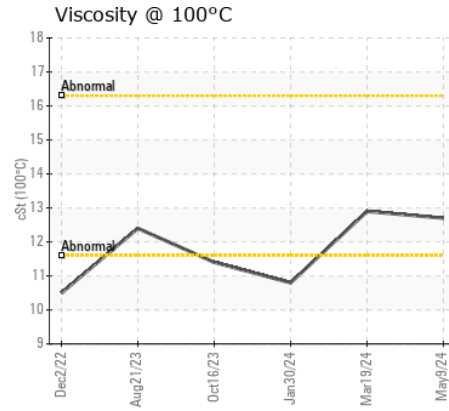
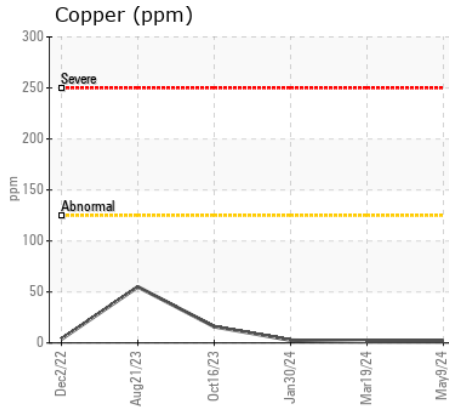
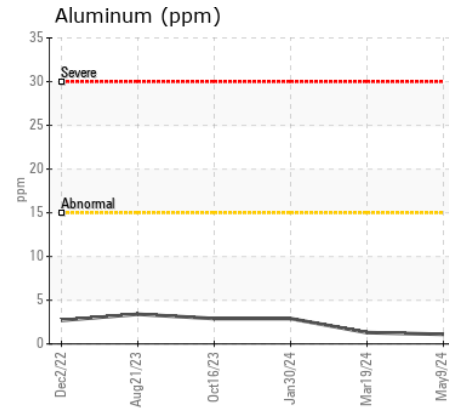
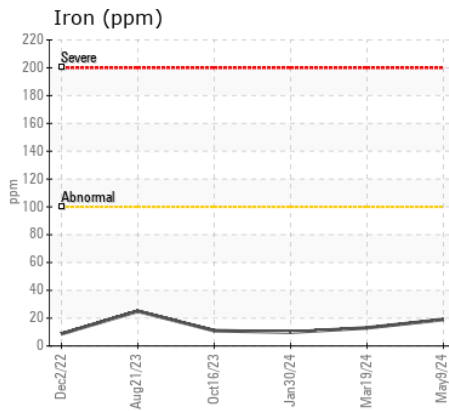
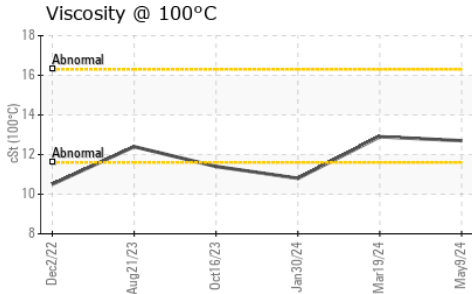
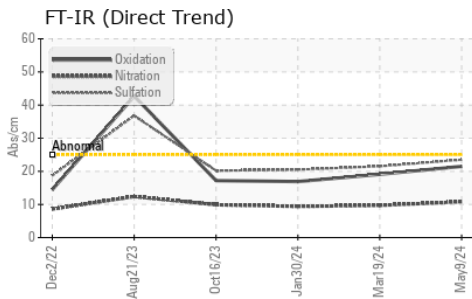
Il n'y a aucun indice de contamination dans l'huile.

Silicon	ppm	ASTM D5185(m)	>60	4	4	9
Potassium	ppm	ASTM D5185(m)	>20	2	1	<1
Fuel		WC Method	>5	<1.0	<1.0	<1.0
Water		WC Method	>0.2	NEG	NEG	NEG
Glycol		WC Method		NEG	NEG	NEG
Soot %	%	ASTM D7844*	>3	0	0	0
Nitration	Abs/cm	ASTM D7624*	>20	10.8	9.7	9.4
Sulfation	Abs/.1mm	ASTM D7415*	>30	23.5	21.5	20.5
Emulsified Water	scalar	Visual*	>0.2	NEG	NEG	NEG

FLUID CONDITION

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

Sodium	ppm	ASTM D5185(m)		5	4	2
Boron	ppm	ASTM D5185(m)		49	59	64
Barium	ppm	ASTM D5185(m)		0	0	0
Molybdenum	ppm	ASTM D5185(m)		37	38	87
Manganese	ppm	ASTM D5185(m)		<1	0	0
Magnesium	ppm	ASTM D5185(m)		990	935	160
Calcium	ppm	ASTM D5185(m)		1104	1114	2098
Phosphorus	ppm	ASTM D5185(m)		1002	968	988
Zinc	ppm	ASTM D5185(m)		1217	1183	1130
Sulfur	ppm	ASTM D5185(m)		2701	2719	3144
Oxidation	Abs/.1mm	ASTM D7414*	>25	21.5	19.1	16.9
Visc @ 100°C	cSt	ASTM D7279(m)		12.7	12.9	10.8



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : LH0266491
Lab Number : 02637937
Unique Number : 5787099
Test Package : MOBCE
Received : 28 May 2024
Tested : 28 May 2024
Diagnosed : 28 May 2024 - Wes Davis

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.

J.M. CHAMPEAU INC.
 491 ROUTE 253
 SAINT-MALO, QC
 CA J0B 2Y0
 Contact: Bruno Champeau
 bruno@champeau.com
 T: (819)658-2244
 F: (819)658-2128