



# LIEBHERR

## OIL ANALYSIS REPORT

WEAR	<b>NORMAL</b>
CONTAMINATION	<b>NORMAL</b>
FLUID CONDITION	<b>NORMAL</b>



Machine Id  
**LIEBHERR A904C 069488-1071**  
Component  
**Transmission (Auto)**  
Fluid  
**NOT GIVEN (--- GAL)**

### RECOMMENDATION

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>LH</b>	LH0265724	LH0260162
Sample Date		Client Info		<b>19 Apr 2024</b>	19 Oct 2023	28 Apr 2023
Machine Age	hrs	Client Info		<b>8343</b>	7171	6159
Oil Age	hrs	Client Info		<b>0</b>	0	0
Filter Age	hrs	Client Info		<b>0</b>	0	0
Oil Changed		Client Info		<b>Changed</b>	Changed	Changed
Filter Changed		Client Info		<b>Not Changed</b>	N/A	N/A
Sample Status				<b>NORMAL</b>	NORMAL	NORMAL

### WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185(m)	>160	<b>26</b>	39	61
Chromium	ppm	ASTM D5185(m)	>5	<b>0</b>	<1	<1
Nickel	ppm	ASTM D5185(m)	>5	<b>0</b>	<1	<1
Titanium	ppm	ASTM D5185(m)		<b>0</b>	0	<1
Silver	ppm	ASTM D5185(m)	>5	<b>0</b>	<1	0
Aluminum	ppm	ASTM D5185(m)	>50	<b>3</b>	4	6
Lead	ppm	ASTM D5185(m)	>50	<b>2</b>	2	4
Copper	ppm	ASTM D5185(m)	>225	<b>39</b>	69	96
Tin	ppm	ASTM D5185(m)	>10	<b>&lt;1</b>	1	3
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	0
White Metal	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Yellow Metal	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE

### CONTAMINATION

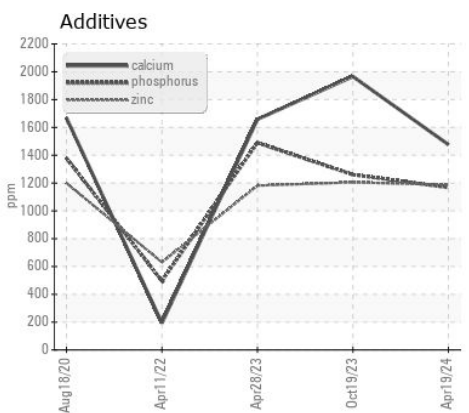
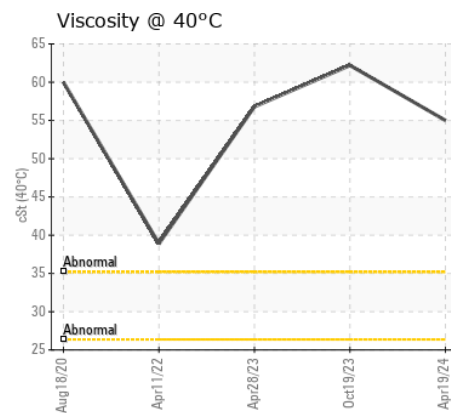
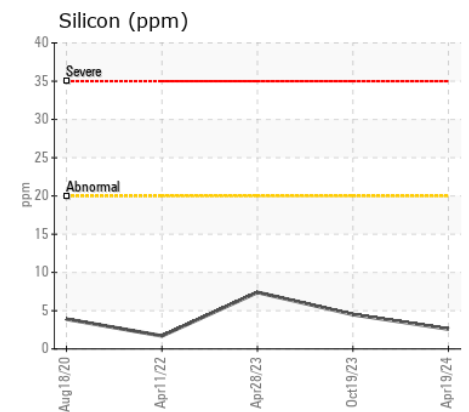
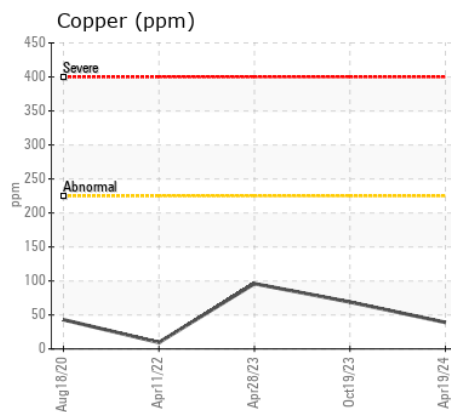
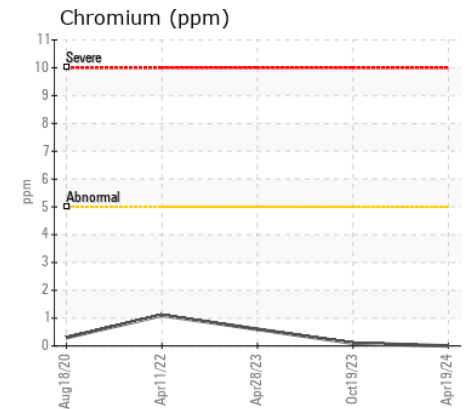
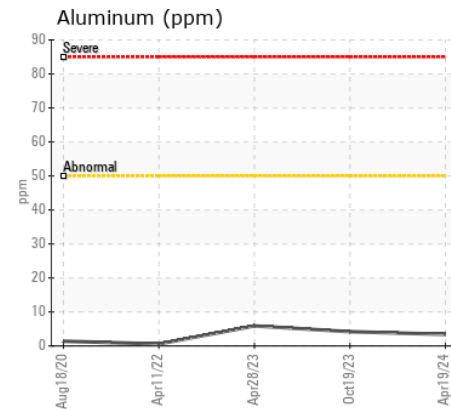
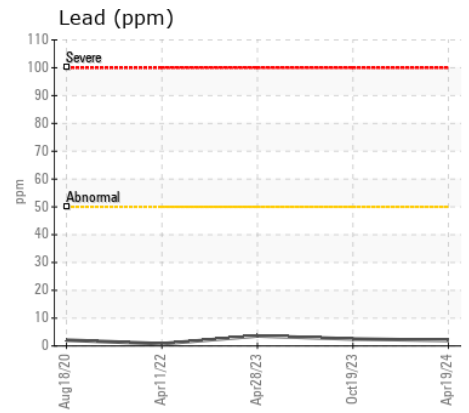
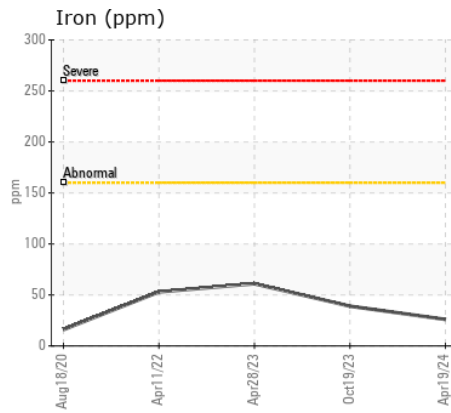
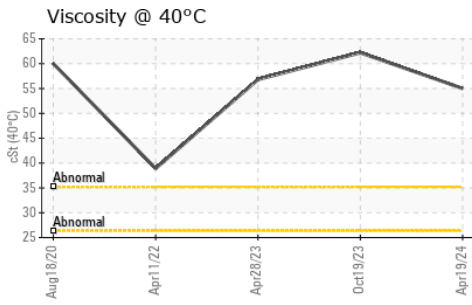
There is no indication of any contamination in the fluid.

Silicon	ppm	ASTM D5185(m)	>20	<b>3</b>	4	7
Potassium	ppm	ASTM D5185(m)	>20	<b>&lt;1</b>	<1	<1
Water		WC Method	>0.1	<b>NEG</b>	NEG	NEG
Silt	scalar	Visual*	NONE	<b>NONE</b>	VLITE	NONE
Debris	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Sand/Dirt	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Appearance	scalar	Visual*	NORML	<b>NORML</b>	NORML	NORML
Odor	scalar	Visual*	NORML	<b>NORML</b>	NORML	NORML
Emulsified Water	scalar	Visual*	>0.1	<b>NEG</b>	NEG	NEG

### FLUID CONDITION

The condition of the fluid is acceptable for the time in service.

Sodium	ppm	ASTM D5185(m)		<b>10</b>	14	26
Boron	ppm	ASTM D5185(m)		<b>56</b>	49	6
Barium	ppm	ASTM D5185(m)		<b>&lt;1</b>	<1	1
Molybdenum	ppm	ASTM D5185(m)		<b>37</b>	12	22
Manganese	ppm	ASTM D5185(m)		<b>10</b>	16	41
Magnesium	ppm	ASTM D5185(m)		<b>654</b>	233	432
Calcium	ppm	ASTM D5185(m)		<b>1476</b>	1966	1658
Phosphorus	ppm	ASTM D5185(m)		<b>1167</b>	1260	1490
Zinc	ppm	ASTM D5185(m)		<b>1187</b>	1205	1181
Sulfur	ppm	ASTM D5185(m)		<b>4187</b>	5303	6808
Visc @ 40°C	cSt	ASTM D7279(m)		<b>55.0</b>	62.2	56.8



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : LH  
**Lab Number** : 02632008  
**Unique Number** : 5773161  
**Test Package** : MOB 1  
**Received** : 29 Apr 2024  
**Tested** : 29 Apr 2024  
**Diagnosed** : 29 Apr 2024 - Kevin Marson

**Urban Mine**  
 72 Rothwell Rd.  
 Winnipeg, MB  
 CA R3P 2H7  
 Contact: SERVICE

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.

T: (204)774-0192  
 F: