



# LIEBHERR

## OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Area  
**(337755)**  
Machine Id  
**LIEBHERR L556 057483-1332**  
Component  
**Transmission (Manual)**  
Fluid  
**TDH FLUID SAE 75W80 (--- GAL)**

### RECOMMENDATION

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) TDH FLUID SAE 75W80. Please confirm.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		LH	---	---
Sample Date		Client Info		22 Jan 2024	---	---
Machine Age	hrs	Client Info		7383	---	---
Oil Age	hrs	Client Info		0	---	---
Filter Age	hrs	Client Info		0	---	---
Oil Changed		Client Info		N/A	---	---
Filter Changed		Client Info		N/A	---	---
Sample Status				NORMAL	---	---

### WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185(m)	>200	79	---	---
Chromium	ppm	ASTM D5185(m)	>5	<1	---	---
Nickel	ppm	ASTM D5185(m)	>5	0	---	---
Titanium	ppm	ASTM D5185(m)		0	---	---
Silver	ppm	ASTM D5185(m)	>7	<1	---	---
Aluminum	ppm	ASTM D5185(m)	>25	4	---	---
Lead	ppm	ASTM D5185(m)	>45	<1	---	---
Copper	ppm	ASTM D5185(m)	>225	5	---	---
Tin	ppm	ASTM D5185(m)	>10	0	---	---
Vanadium	ppm	ASTM D5185(m)		0	---	---
White Metal	scalar	Visual*	NONE	NONE	---	---
Yellow Metal	scalar	Visual*	NONE	NONE	---	---

### CONTAMINATION

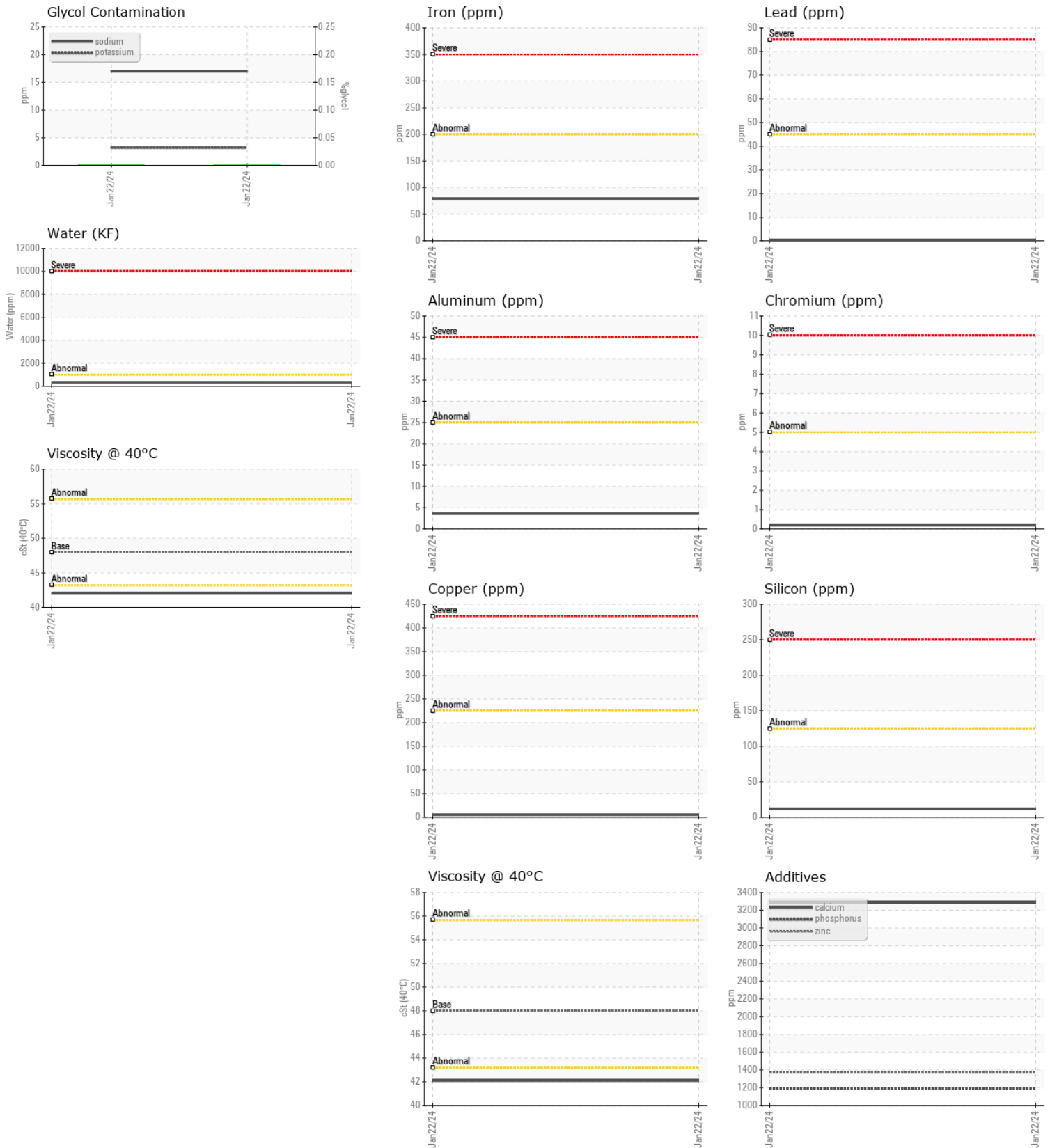
The water content is negligible. There is no indication of any contamination in the fluid.

Silicon	ppm	ASTM D5185(m)	>125	12	---	---
Potassium	ppm	ASTM D5185(m)	>20	3	---	---
Water	%	ASTM D6304*	>0.1	0.032	---	---
ppm Water	ppm	ASTM D6304*	>1000	327	---	---
Glycol	%	ASTM D7922*		0.0	---	---
Silt	scalar	Visual*	NONE	NONE	---	---
Debris	scalar	Visual*	NONE	NONE	---	---
Sand/Dirt	scalar	Visual*	NONE	NONE	---	---
Appearance	scalar	Visual*	NORML	NORML	---	---
Odor	scalar	Visual*	NORML	NORML	---	---
Emulsified Water	scalar	Visual*	>0.1	.2%	---	---

### FLUID CONDITION

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

Sodium	ppm	ASTM D5185(m)		17	---	---
Boron	ppm	ASTM D5185(m)	10	92	---	---
Barium	ppm	ASTM D5185(m)	10	0	---	---
Molybdenum	ppm	ASTM D5185(m)	10	0	---	---
Manganese	ppm	ASTM D5185(m)		<1	---	---
Magnesium	ppm	ASTM D5185(m)	100	7	---	---
Calcium	ppm	ASTM D5185(m)	3500	3286	---	---
Phosphorus	ppm	ASTM D5185(m)	1150	1192	---	---
Zinc	ppm	ASTM D5185(m)	1150	1377	---	---
Sulfur	ppm	ASTM D5185(m)	5000	5375	---	---
Visc @ 40°C	cSt	ASTM D7279(m)	48	42.1	---	---



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 **LES CHARGEMENTS ERIC TURPIN**  
**Sample No.** : LH **Recieved** : 23 Jan 2024 **1170 CHEMIN DES VILLAS**  
**Lab Number** : 02610647 **Diagnosed** : 25 Jan 2024 **MONT-LAURIER, QC**  
**Unique Number** : 5711733 **Diagnostician** : Kevin Marson **CA J9L 3G7**  
**Test Package** : MOB 1 ( Additional Tests: Glycol, KF ) **Contact: ERIC TURPIN**

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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