



LIEBHERR

OIL ANALYSIS REPORT

WEAR
CONTAMINATION
FLUID CONDITION

ABNORMAL

SEVERE

NORMAL



Machine Id
LIEBHERR LH30M 1253-117759
Component
Swing Drive
Fluid
{not provided} (--- GAL)

RECOMMENDATION

We advise that you check for the source of water entry. We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition. Please specify the brand, type, and viscosity of the oil on your next sample.

WEAR

Gear wear is indicated.

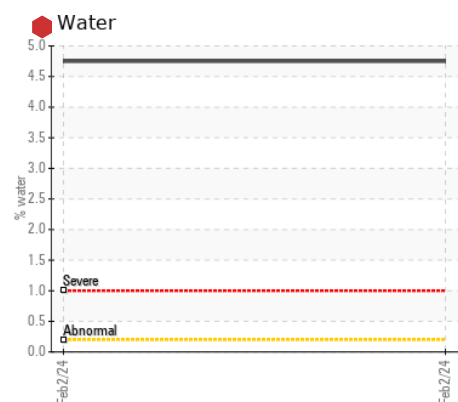
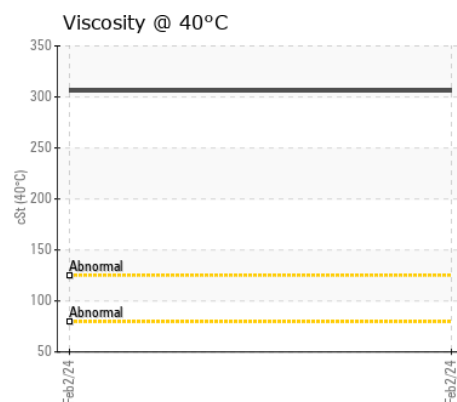
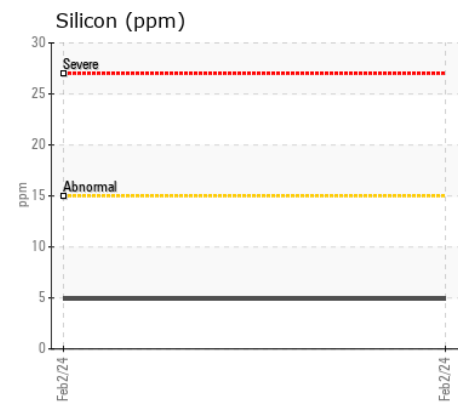
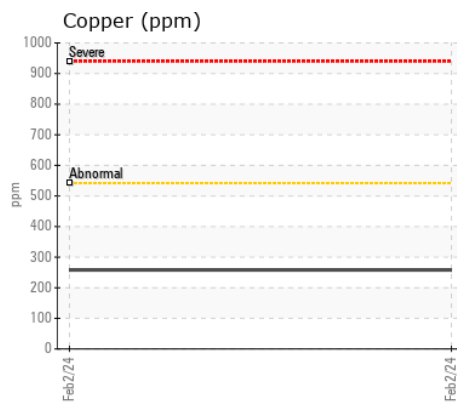
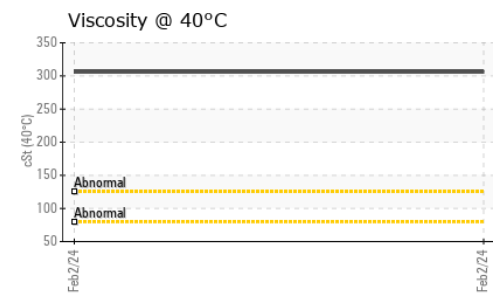
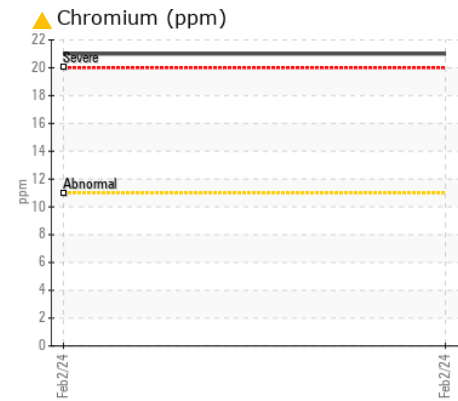
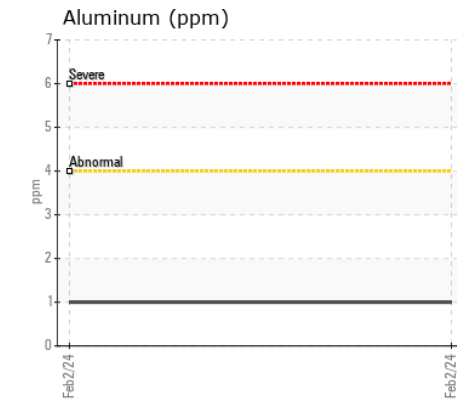
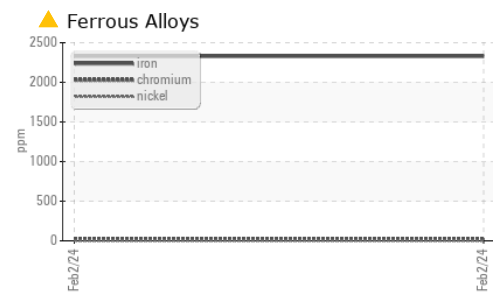
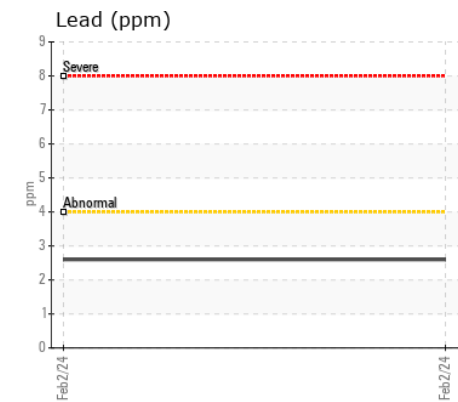
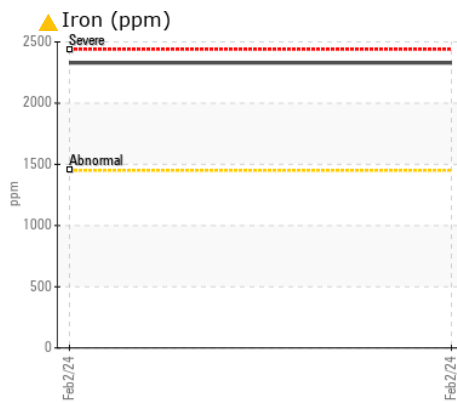
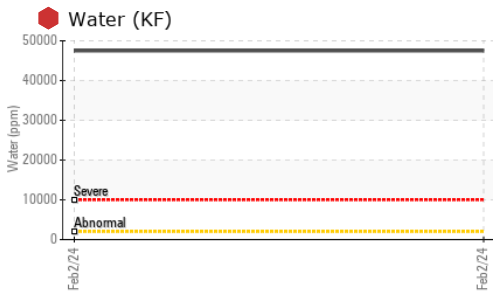
CONTAMINATION

There is a high concentration of water present in the oil.

FLUID CONDITION

The oil is no longer serviceable due to the presence of contaminants.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		LH0210947	---	---
Sample Date		Client Info		02 Feb 2024	---	---
Machine Age	hrs	Client Info		7907	---	---
Oil Age	hrs	Client Info		0	---	---
Filter Age	hrs	Client Info		0	---	---
Oil Changed		Client Info		Not Chngd	---	---
Filter Changed		Client Info		Not Chngd	---	---
Sample Status				SEVERE	---	---
Iron	ppm	ASTM D5185m	>1450	▲ 2329	---	---
Chromium	ppm	ASTM D5185m	>11	▲ 21	---	---
Nickel	ppm	ASTM D5185m	>3	1	---	---
Titanium	ppm	ASTM D5185m		<1	---	---
Silver	ppm	ASTM D5185m		0	---	---
Aluminum	ppm	ASTM D5185m	>4	1	---	---
Lead	ppm	ASTM D5185m	>4	3	---	---
Copper	ppm	ASTM D5185m	>542	258	---	---
Tin	ppm	ASTM D5185m	>38	6	---	---
Vanadium	ppm	ASTM D5185m		0	---	---
White Metal	scalar	*Visual	NONE	NONE	---	---
Yellow Metal	scalar	*Visual	NONE	NONE	---	---
Silicon	ppm	ASTM D5185m	>15	5	---	---
Potassium	ppm	ASTM D5185m	>20	2	---	---
Water	%	ASTM D6304	>0.2	◆ 4.75	---	---
ppm Water	ppm	ASTM D6304	>2000	◆ 47500	---	---
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	>0.2	◆ 0.2%	---	---
Sodium	ppm	ASTM D5185m		167	---	---
Boron	ppm	ASTM D5185m		16	---	---
Barium	ppm	ASTM D5185m		0	---	---
Molybdenum	ppm	ASTM D5185m		23	---	---
Manganese	ppm	ASTM D5185m		16	---	---
Magnesium	ppm	ASTM D5185m		0	---	---
Calcium	ppm	ASTM D5185m		48	---	---
Phosphorus	ppm	ASTM D5185m		2028	---	---
Zinc	ppm	ASTM D5185m		20	---	---
Sulfur	ppm	ASTM D5185m		24784	---	---
Visc @ 40°C	cSt	ASTM D445		306	---	---



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : LH0210947 **Received** : 09 Feb 2024
Lab Number : 06085066 **Tested** : 12 Feb 2024
Unique Number : 10872511 **Diagnosed** : 12 Feb 2024 - Don Baldrige
Test Package : MOBCE (Additional Tests: KF)

RECO EQUIPMENT INC.
 1615 JP HENESSY DRIVE
 LAVERGNE, TN
 US 37086
 Contact: KEN FISCHER

To discuss this sample report, contact Customer Service at 1-800-237-1369.

* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

T: (615)610-7326
F: