

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR R914 047764-1511 - Hydraulic System

Sample No: LH

Oil Type: { unknown }



#### SAMPLE INFORMATION

Sample Number	LH	---	---	---
Sample Date	06 Mar 2024	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

**EMA RENTALS INC.**  
 145, RUE RICHER  
 LACHINE, QC  
 CA H8R 1R8  
 Contact: Service Manager



#### OIL CONDITION

Visc @ 40°C	cSt	● 44.0	---	---	---
-------------	-----	--------	-----	-----	-----

T:  
F:



#### CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		● 87683	---	---	---
Particles >6µm		● 28292	---	---	---
Particles >14µm		● 1650	---	---	---
ISO 4406:1999 (c)		24/22/18	---	---	---
Silicon	ppm	● 8	---	---	---
Sodium	ppm	● 2	---	---	---
Potassium	ppm	● 2	---	---	---

#### Diagnosis

Nous recommandons le remplacement des filtres de ce composant. Nous vous recommandons d'échantillonner de nouveau dès que possible afin de contrôler la situation. Les taux d'usure de tous les composants sont normaux. Il y a une quantité modérée de particules (de 4 à 14 microns) dans l'huile. L'huile peut encore servir si la contamination peut être réduite à un niveau acceptable.



#### WEAR METALS

Iron	ppm	● 16	---	---	---
Copper	ppm	● 9	---	---	---
Lead	ppm	● 1	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● 1	---	---	---
Chromium	ppm	● 3	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	● <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	0	---	---	---



#### ADDITIVES

Calcium	ppm	2057	---	---	---
Magnesium	ppm	20	---	---	---
Zinc	ppm	897	---	---	---
Phosphorus	ppm	763	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	19	---	---	---

**Depot:** EMA145LAC  
**Unique No:** 5737710  
**Signed:** Wes Davis  
**Report Date:** 08 Mar 2024



### GRAPHS

