# LIEBHERR

## **CONSTRUCTION EQUIPMENT**

## LIEBHERR LH30M 112545-1253 - Splitter Box

Sample No: LH0270117

Oil Type: GEAR OIL SAE 80W90

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Ō SAM	PLE INFOR	MATION			
Sample Number		LH0270117	LH0261586	LH0256981	LH0247424
Sample Date		27 Sep 2023	08 May 2023	10 Mar 2023	13 Dec 2022
Machine Hours		1297	11758	11210	10423
Oil Hours		0	0	0	0
Oil Changed					-
Sample Status		Changed NORMAL	Changed NORMAL	Changed NORMAL	Changed NORMAL
Sample Status		NORMAL	NORIVIAL	NORIVIAL	NORIVIAL
OILC	ONDITION				
Visc @ 40°C	cSt	85.5	70.8	74.0	79.0
CONT	<b>TAMINATION</b>	ON			
Silicon	ppm	<b>0</b> 1	0 1	O 1	O 1
Sodium	ppm	01	O 3	01	0 1
Potassium	ppm	0	0 <1	0 <1	0 <1
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<b>WEA</b>	R METALS				
Iron	ppm	<b>9</b>	O 13	O 12	O 10
Copper	ppm	<b>1</b>	O 2	O 2	O 2
Lead	ppm	<1	O <1	O <1	O <1
Tin	ppm	<b>0</b>	O <1	0	0
Aluminum	ppm	<b>0</b>	O 0	O <1	O <1
Chromium	ppm	<b>0</b>	O 0	0	0
Molybdenum	ppm	<b>0</b>	0	<b>0</b>	0
Nickel	ppm	<b>0</b>	0	O <1	O <1
Titanium	ppm	0	0	0	0
Silver	ppm	<1	0	0	0
Manganese	ppm	<b>0</b>	O <1	O <1	O <1
Vanadium	ppm	0	0	0	0
ADDI	TIVES				
Calcium		O 54	0 145	O 137	① 118
	ppm	<ul><li>54</li><li>2</li></ul>	<ul><li>○ 145</li><li>○ 2</li></ul>	0 137	0 2
Magnesium	ppm	_		231	
Zinc	ppm	O 115	259		O 171
Phosphorus	ppm	O 1197	0 1143	O 1223	O 1238
Barium	ppm	<b>()</b> <1	O 0	0	0



#### **GREEN METALS CANADA**

224 BEARDS LANE WOODSTOCK, ON CA N4S 7W3 Contact: Jamie Depotie

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#### Diagnosis

Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the oil. Viscosity of sample indicates oil is within SAE 80 range, advise investigate. The condition of the oil is acceptable for the time in service.

Depot:GRE224WOOUnique No:5654975Signed:Kevin MarsonReport Date:28 Sep 2023

**269** 

ppm

Boron

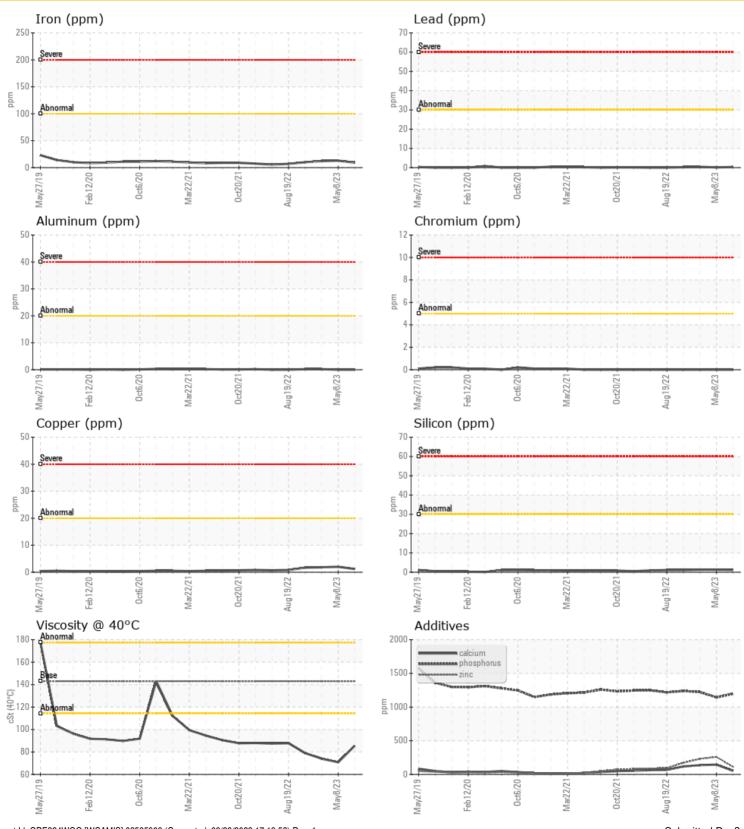
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### CONSTRUCTION EQUIPMENT





### **GRAPHS**



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