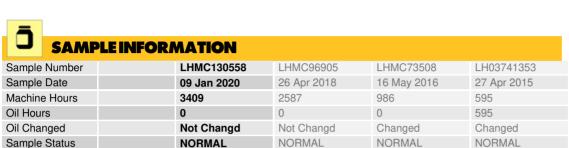
# LIEBHERR

### **CONSTRUCTION EQUIPMENT**

### 054454-194 - Rear Differential

Sample No: LHMC130558

Oil Type: LIEBHERR GEAR BASIC 90 LS





### **UNITED STATES GYPSUM**

301 RILEY RD EAST CHICAGO, IN US 43612

Contact: Service Manager

T: F:

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### **OIL CONDITION**

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### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG	
Silicon	ppm	<b>○</b> <1	O <1	O <1	02	
Sodium	ppm	<b></b> <1	O <1	O 0	O 2	
Potassium	ppm	01	O 5	O 3	O <1	



Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the component. The condition of the oil is acceptable for the time in service.

## 0

### WEAR METALS

Iron	ppm	<b>4</b>	<b>3</b>	O 1	O 2
Copper	ppm	<b>2</b>	O 2	O 1	O 2
Lead	ppm	<b>0</b>	O 0	O 0	O <1
Tin	ppm	<b>0</b>	O 0	O 0	0
Aluminum	ppm	<b>0</b>	0	<b>0</b>	<b></b> <1
Chromium	ppm	<b>O</b> <1	O <1	O <1	0
Molybdenum	ppm	<b>0</b>	O 0	O <1	0
Nickel	ppm	<1	0	<1	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<b>()</b> <1	O <1	<b>0</b>	<1
Vanadium	ppm	0	0	0	0



#### **ADDITIVES**

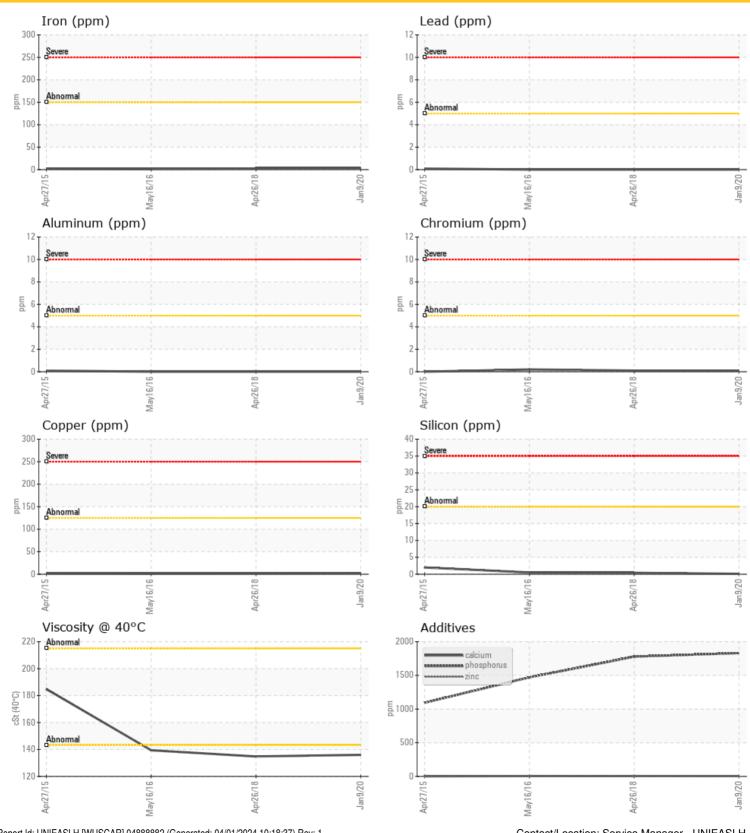
Calcium	ppm	<b>5</b>	<b>5</b>	<b>5</b>	2
Magnesium	ppm	<b>0</b>	0	O 0	0
Zinc	ppm	<b>3</b>	O 2	<b>3</b>	2
Phosphorus	ppm	<b>1831</b>	O 1779	<b>1470</b>	1093
Barium	ppm	<b>13</b>	<b>10</b>	○ 56	335
Boron	ppm	<b>262</b>	O 234	O 226	4

Depot:UNIEASLHUnique No:8883925Signed:Don BaldridgeReport Date:16 Jan 2020





### **GRAPHS**



Report Id: UNIEASLH [WUSCAR] 04888882 (Generated: 04/01/2024 10:18:37) Rev: 1

Contact/Location: Service Manager - UNIEASLH