

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR R944C 025842-791 - Splitter Box

Sample No: LH0258215

Oil Type: LIEBHERR HYPOID 85W-140 EP



#### SAMPLE INFORMATION

Sample Number	<b>LH0258215</b>	LH0243948	LH0229869	LHMC166237
Sample Date	<b>20 Jul 2023</b>	14 Mar 2023	28 Oct 2022	29 Apr 2022
Machine Hours	<b>10120</b>	9586	9162	8570
Oil Hours	<b>552</b>	406	592	539
Oil Changed	<b>Changed</b>	Changed	Changed	Changed
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

#### ACECO

10119 RESIDENCY ROAD  
MANASSAS, VA  
US 20110  
Contact: RON BROCK



#### OIL CONDITION

Visc @ 40°C	cSt	<b>228</b>	309	249	349
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T: (703)392-0111  
F: (703)331-5604



#### CONTAMINATION

Silicon	ppm	<b>2</b>	2	3	3
Sodium	ppm	<b>&lt;1</b>	0	2	1
Potassium	ppm	<b>0</b>	<1	0	0

#### 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. The condition of the oil is acceptable for the time in service.



#### WEAR METALS

Iron	ppm	<b>10</b>	4	8	9
Copper	ppm	<b>3</b>	3	5	6
Lead	ppm	<b>0</b>	0	<1	0
Tin	ppm	<b>0</b>	0	0	<1
Aluminum	ppm	<b>0</b>	0	<1	<1
Chromium	ppm	<b>0</b>	0	0	0
Molybdenum	ppm	<b>0</b>	0	<1	0
Nickel	ppm	<b>0</b>	0	0	0
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	<1
Manganese	ppm	<b>0</b>	0	<1	<1
Vanadium	ppm	<b>0</b>	0	0	0



#### ADDITIVES

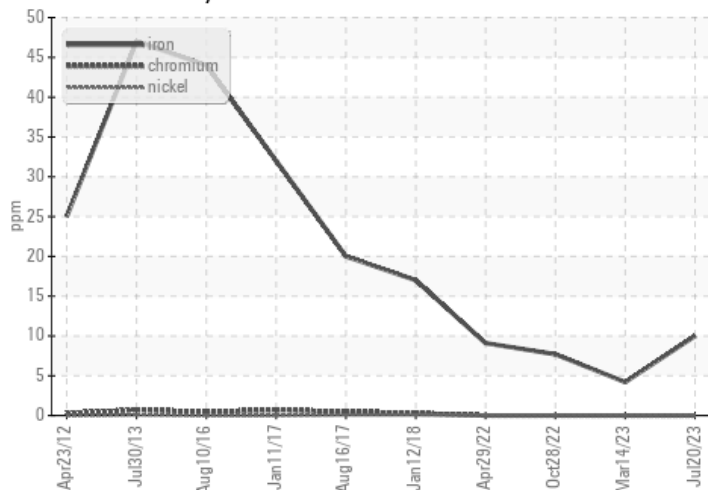
Calcium	ppm	<b>28</b>	7	43	7
Magnesium	ppm	<b>4</b>	<1	<1	0
Zinc	ppm	<b>28</b>	12	43	6
Phosphorus	ppm	<b>1753</b>	1237	1852	1210
Barium	ppm	<b>6</b>	0	0	0
Boron	ppm	<b>0</b>	0	3	5

Depot: ACEMAN  
Unique No: 10635943  
Signed: Don Baldrige  
Report Date: 10 Sep 2023

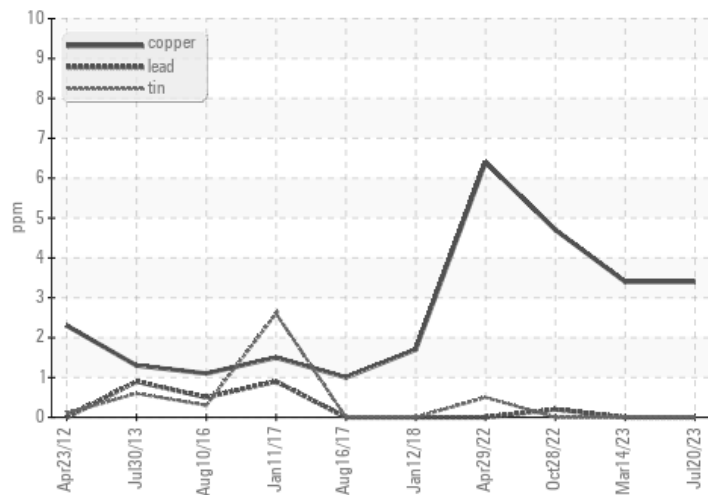


### GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

