

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR R944C 025842-791 - Right Final Drive

Sample No: LH0258216

Oil Type: LIEBHERR HYPOID 85W-140 EP



#### SAMPLE INFORMATION

Sample Number	LH0258216	LH0243951	LH0229870	LHMC166241
Sample Date	20 Jul 2023	14 Mar 2023	28 Oct 2022	29 Apr 2022
Machine Hours	10120	9586	9162	8570
Oil Hours	552	0	592	539
Oil Changed	Changed	Not Changd	Changed	Changed
Sample Status	NORMAL	NORMAL	ATTENTION	NORMAL

#### ACECO

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



#### OIL CONDITION

Visc @ 40°C	cSt	225	225	99.5	367
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T: (703)392-0111  
F: (703)331-5604



#### CONTAMINATION

Silicon	ppm	13	19	8	12
Sodium	ppm	2	2	10	2
Potassium	ppm	<1	2	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	88	101	10	100
Copper	ppm	24	22	13	21
Lead	ppm	0	0	<1	0
Tin	ppm	<1	<1	<1	1
Aluminum	ppm	3	4	<1	3
Chromium	ppm	2	3	<1	2
Molybdenum	ppm	0	<1	<1	<1
Nickel	ppm	0	<1	0	<1
Titanium	ppm	0	<1	<1	<1
Silver	ppm	0	0	0	<1
Manganese	ppm	1	1	<1	1
Vanadium	ppm	0	0	0	0



#### ADDITIVES

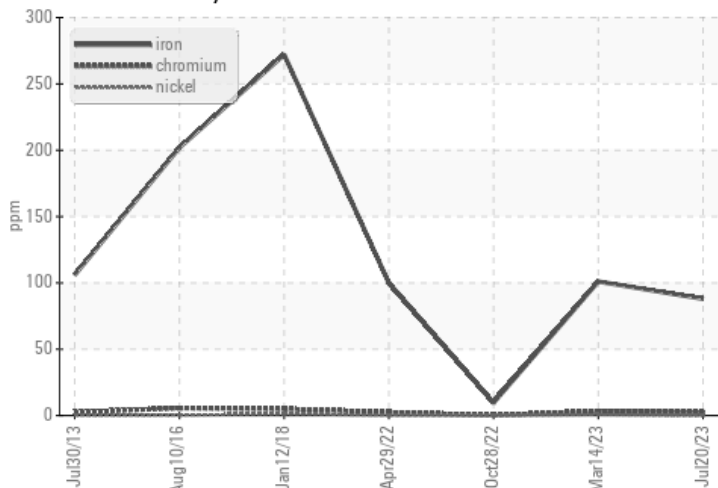
Calcium	ppm	20	17	3664	8
Magnesium	ppm	5	2	8	0
Zinc	ppm	24	18	1407	7
Phosphorus	ppm	1904	1857	1170	1178
Barium	ppm	7	0	0	0
Boron	ppm	6	6	108	8

Depot: ACEMAN  
Unique No: 10635932  
Signed: Don Baldrige  
Report Date: 10 Sep 2023

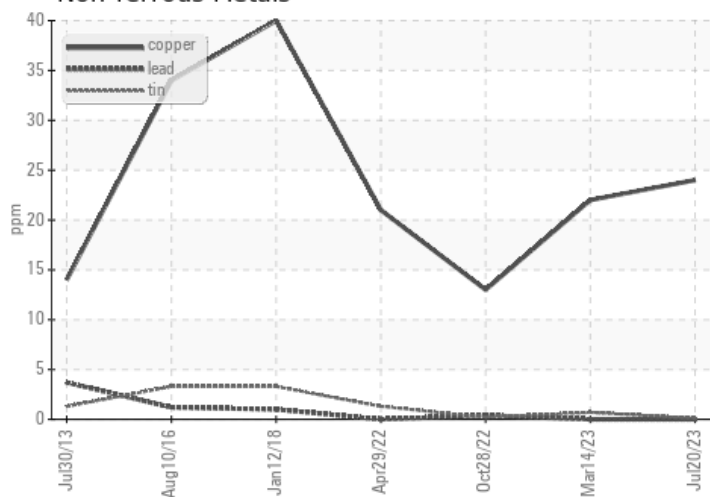


### GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

