

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR A904C071146-1071 - Rear Right Wheel Hub

Sample No: LH0259109

Oil Type: LIEBHERR GEAR BASIC 90 LS



SAMPLE INFORMATION

Sample Number	LH0259109	LH0254216	LHMC100039	LHMC95997
Sample Date	12 Jun 2023	16 Mar 2023	11 Jan 2016	29 Sep 2015
Machine Hours	12434	12177	1053	517
Oil Hours	2000	500	1053	517
Oil Changed	Changed	Not Chngd	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

BAY DISPOSAL

2224 SPRINGFIELD AVE
NORFOLK, VA
US 23523
Contact: SERVICE MANAGER



OIL CONDITION

Visc @ 40°C	cSt	111	111	56.7	56.9
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T:
F:



CONTAMINATION

Silicon	ppm	8	9	5	6
Sodium	ppm	4	3	18	21
Potassium	ppm	0	<1	2	6

Diagnosis

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.



WEAR METALS

Iron	ppm	5	6	7	8
Copper	ppm	4	3	10	10
Lead	ppm	0	<1	<1	<1
Tin	ppm	0	<1	<1	0
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	0	<1	<1	<1
Molybdenum	ppm	0	<1	0	0
Nickel	ppm	0	0	2	3
Titanium	ppm	0	0	0	<1
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	2	2
Vanadium	ppm	0	0	0	0



ADDITIVES

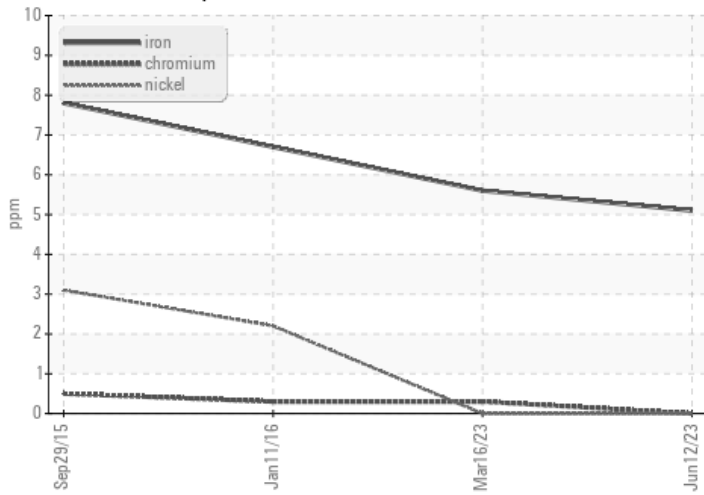
Calcium	ppm	3751	3573	3109	3515
Magnesium	ppm	10	11	8	9
Zinc	ppm	1488	1433	1160	1407
Phosphorus	ppm	1202	1152	1046	1053
Barium	ppm	0	0	<1	<1
Boron	ppm	148	113	88	106

Depot: BAYNOR
Unique No: 10548837
Signed: Don Baldrige
Report Date: 11 Jul 2023

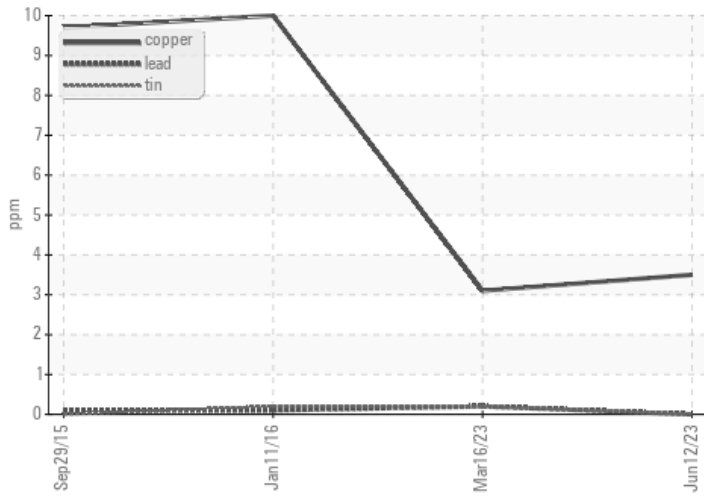


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

