

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR A904 052442-1071 - Rear Differential

Sample No: LH0268145

Oil Type: LIEBHERR GEAR BASIC 90 LS



SCRAP INTERNATIONAL
 940 150TH ST
 HAMMOND, IN
 US 46327
 Contact: RICK BARLAGE

T: (219)689-0412
 F:

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.



SAMPLE INFORMATION

Sample Number	LH0268145	LHMC84124	---	---
Sample Date	04 Mar 2024	08 Oct 2015	---	---
Machine Hours	14220	1287	---	---
Oil Hours	1000	0	---	---
Oil Changed	Changed	N/A	---	---
Sample Status	NORMAL	NORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	133	68.6	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	9	16	---	---
Sodium	ppm	0	11	---	---
Potassium	ppm	2	3	---	---



WEAR METALS

Iron	ppm	69	10	---	---
Copper	ppm	12	14	---	---
Lead	ppm	1	0	---	---
Tin	ppm	1	0	---	---
Aluminum	ppm	3	0	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	1	0	---	---
Nickel	ppm	3	<1	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	3	2	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

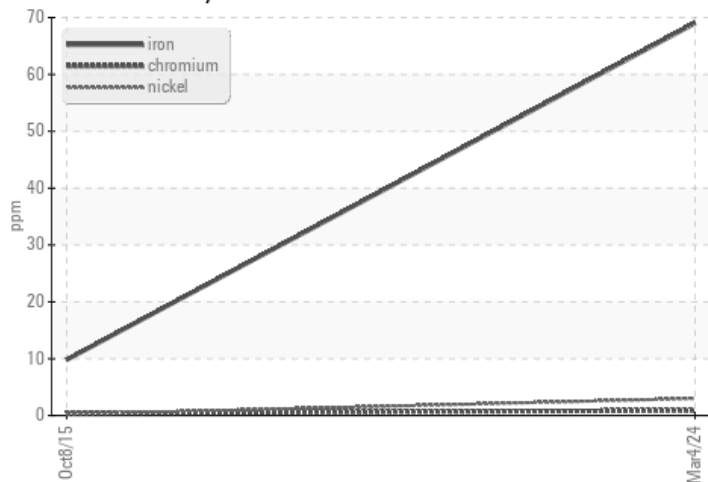
Calcium	ppm	341	3322	---	---
Magnesium	ppm	8	8	---	---
Zinc	ppm	140	1430	---	---
Phosphorus	ppm	969	1105	---	---
Barium	ppm	1	1	---	---
Boron	ppm	171	99	---	---

Depot: SCRHAM
 Unique No: 10943062
 Signed: Don Baldrige
 Report Date: 28 Mar 2024

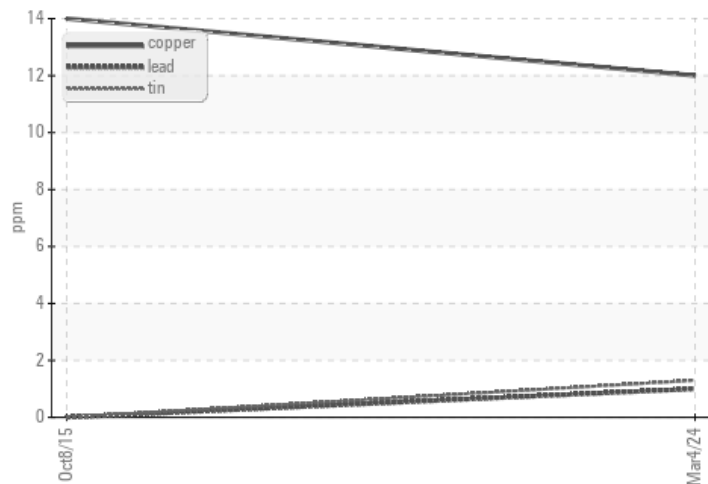


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

