

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR A934C 065595-1007 - Rear Right Wheel Hub

Sample No: LH0267148

Oil Type: GEAR OIL SAE 80W90



DOMTAR PULP AND PAPER

301 POINT BASSE AVE
NEKOOSA, WI
US 54457

Contact: MARK SNYDER
mark.snyder@domtar.com
T: (715)675-6900
F: (715)675-9748



Sample Information

Sample Number	LH0267148	LH0267149	---	---
Sample Date	18 Apr 2024	18 Apr 2024	---	---
Machine Hours	55376	55376	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Changd	Not Changd	---	---
Sample Status	SEVERE	ABNORMAL	---	---



Oil Condition

Visc @ 40°C	cSt	71.6	97.4	---	---
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Contamination

Water	%	NEG	NEG	---	---
Silicon	ppm	31	22	---	---
Sodium	ppm	11	10	---	---
Potassium	ppm	5	2	---	---



Wear Metals

Iron	ppm	1273	415	---	---
Copper	ppm	46	139	---	---
Lead	ppm	0	2	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	5	3	---	---
Chromium	ppm	6	1	---	---
Molybdenum	ppm	0	1	---	---
Nickel	ppm	0	<1	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	13	7	---	---
Vanadium	ppm	0	0	---	---



Additives

Calcium	ppm	1738	1275	---	---
Magnesium	ppm	14	14	---	---
Zinc	ppm	717	558	---	---
Phosphorus	ppm	1446	2086	---	---
Barium	ppm	0	2	---	---
Boron	ppm	43	33	---	---

Diagnosis

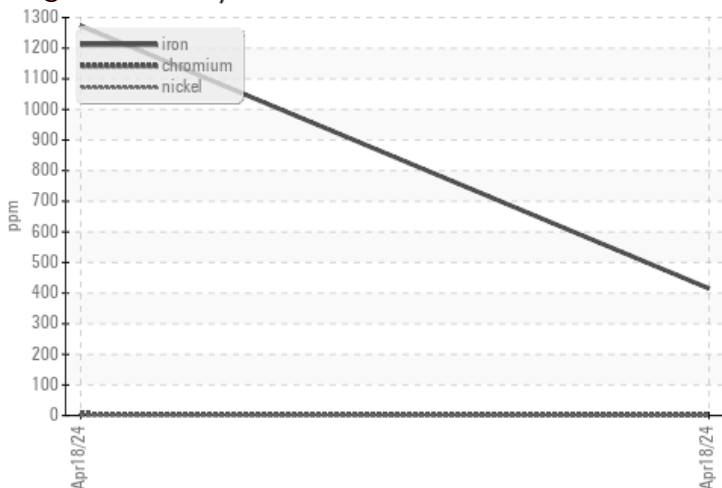
We recommend that you drain the oil from the component if this has not already been done. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition. NOTE: one of two samples received with same ID and sampling date. Gear wear is indicated. There is no indication of any contamination in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: DOMWAU
Unique No: 11004485
Signed: Don Baldrige
Report Date: 01 May 2024

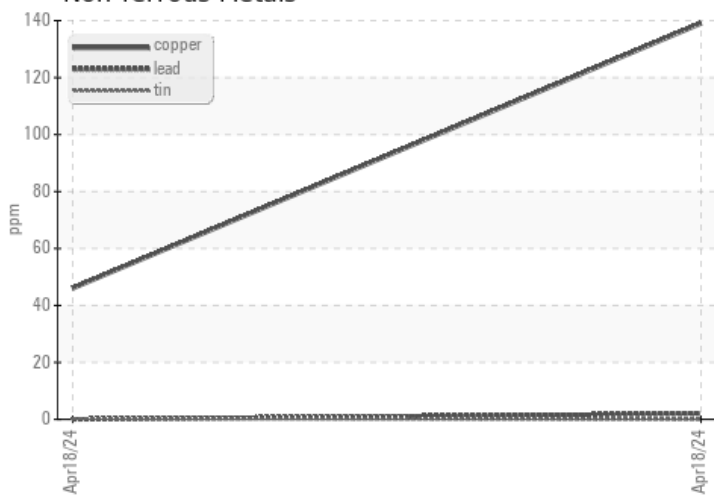


Graphs

● Ferrous Alloys



Non-ferrous Metals



● Viscosity @ 40°C

