

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR A934C 065595-1007 - Rear Differential

Sample No: LH0267146

Oil Type: GEAR OIL SAE 80W90



DOMTAR PULP AND PAPER

301 POINT BASSE AVE
NEKOOSA, WI
US 54457

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Sample Information

Sample Number	LH0267146	---	---	---
Sample Date	18 Apr 2024	---	---	---
Machine Hours	55376	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	SEVERE	---	---	---



Oil Condition

Visc @ 40°C	cSt	● 99.5	---	---	---
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Contamination

Water	%	NEG	---	---	---
Silicon	ppm	● 20	---	---	---
Sodium	ppm	● 10	---	---	---
Potassium	ppm	● 1	---	---	---



Wear Metals

Iron	ppm	● 361	---	---	---
Copper	ppm	● 141	---	---	---
Lead	ppm	● <1	---	---	---
Tin	ppm	● <1	---	---	---
Aluminum	ppm	● 3	---	---	---
Chromium	ppm	● 1	---	---	---
Molybdenum	ppm	● 0	---	---	---
Nickel	ppm	● <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	● 6	---	---	---
Vanadium	ppm	0	---	---	---



Additives

Calcium	ppm	● 1117	---	---	---
Magnesium	ppm	● 10	---	---	---
Zinc	ppm	● 484	---	---	---
Phosphorus	ppm	● 1903	---	---	---
Barium	ppm	● 0	---	---	---
Boron	ppm	● 33	---	---	---

Diagnosis

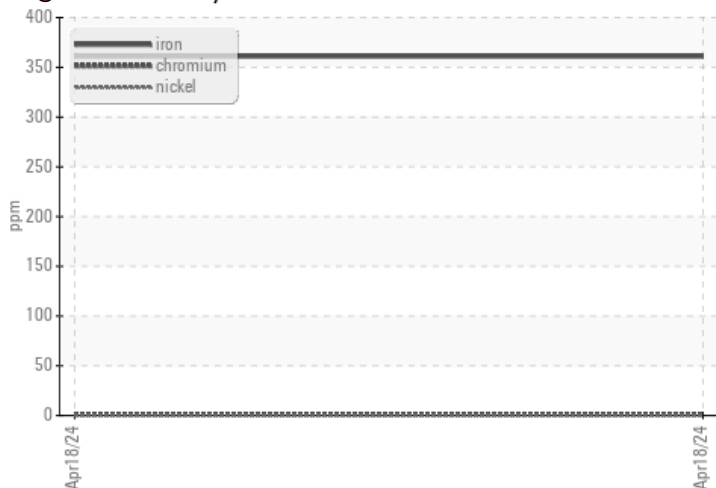
No corrective action is recommended at this time. We recommend an early resample to monitor this condition. Bearing and/or gear wear is indicated. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: DOMWAU
Unique No: 11004495
Signed: Don Baldrige
Report Date: 01 May 2024

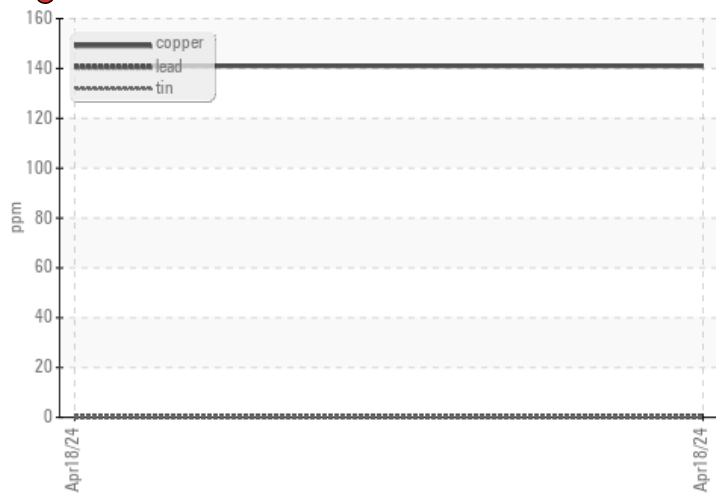


Graphs

● Ferrous Alloys



● Non-ferrous Metals



Viscosity @ 40°C

