

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR A934C 065595-1007 - Swing Drive

Sample No: LH0267143

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	LH0267143	---	---	---
Sample Date	18 Apr 2024	---	---	---
Machine Hours	55376	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	SEVERE	---	---	---



Oil Condition

Visc @ 40°C	cSt	● 218	---	---	---
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Contamination

Water	%	● 0.268	---	---	---
Silicon	ppm	● 18	---	---	---
Sodium	ppm	● 2	---	---	---
Potassium	ppm	● 2	---	---	---



Wear Metals

Iron	ppm	● 902	---	---	---
Copper	ppm	● 1210	---	---	---
Lead	ppm	● 0	---	---	---
Tin	ppm	● 62	---	---	---
Aluminum	ppm	● 2	---	---	---
Chromium	ppm	● 6	---	---	---
Molybdenum	ppm	● 0	---	---	---
Nickel	ppm	● 3	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	● 7	---	---	---
Vanadium	ppm	0	---	---	---



Additives

Calcium	ppm	● 68	---	---	---
Magnesium	ppm	● 0	---	---	---
Zinc	ppm	● 52	---	---	---
Phosphorus	ppm	● 226	---	---	---
Barium	ppm	● 0	---	---	---
Boron	ppm	● 32	---	---	---

Diagnosis

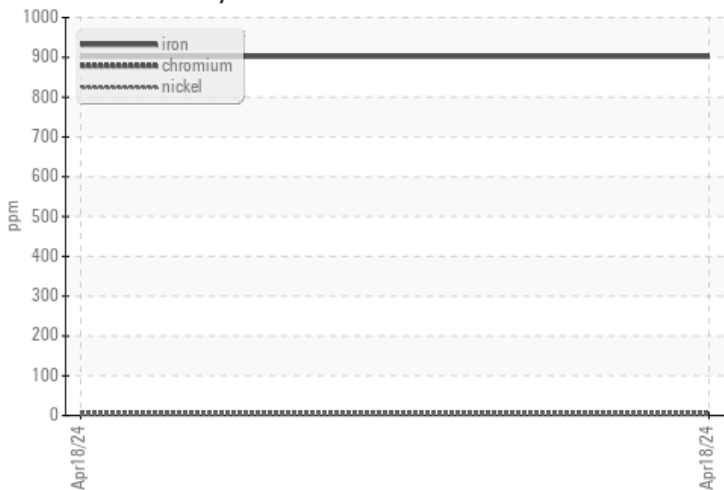
We recommend that you drain the oil from the component if this has not already been done. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition. Bearing and/or bushing wear is indicated. There is a light concentration of water present in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: DOMWAU
Unique No: 11004470
Signed: Don Baldrige
Report Date: 01 May 2024

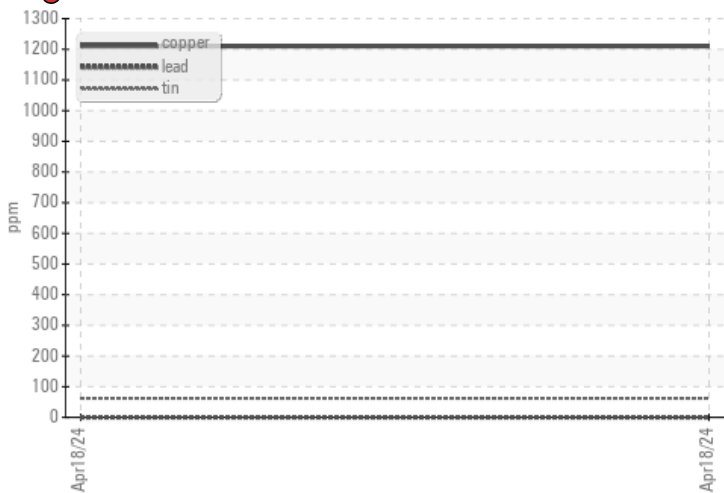


Graphs

Ferrous Alloys



● Non-ferrous Metals



Viscosity @ 40°C

