

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR A934C 065595-1007 - Hydraulic System

Sample No: LH0267145

Oil Type: TDH FLUID SAE 75W80



Sample Information

Sample Number	LH0267145	---	---	---
Sample Date	18 Apr 2024	---	---	---
Machine Hours	55376	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

DOMTAR PULP AND PAPER

301 POINT BASSE AVE
NEKOOSA, WI
US 54457

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Oil Condition

Visc @ 40°C	cSt	● 47.1	---	---	---
Acid Number (AN)	mg KOH/g	● 1.32	---	---	---



Contamination

Water	%	NEG	---	---	---
Particles >4µm		● 15709	---	---	---
Particles >6µm		● 1022	---	---	---
Particles >14µm		● 140	---	---	---
ISO 4406:1999 (c)		21/17/14	---	---	---
Silicon	ppm	● 13	---	---	---
Sodium	ppm	● 0	---	---	---
Potassium	ppm	● 2	---	---	---

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 amount and size of particulates present in the system are acceptable. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.



Wear Metals

Iron	ppm	● 3	---	---	---
Copper	ppm	● 2	---	---	---
Lead	ppm	● 1	---	---	---
Tin	ppm	● 1	---	---	---
Aluminum	ppm	● 2	---	---	---
Chromium	ppm	● <1	---	---	---
Molybdenum	ppm	● 4	---	---	---
Nickel	ppm	● 1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	● 1	---	---	---
Vanadium	ppm	<1	---	---	---



Additives

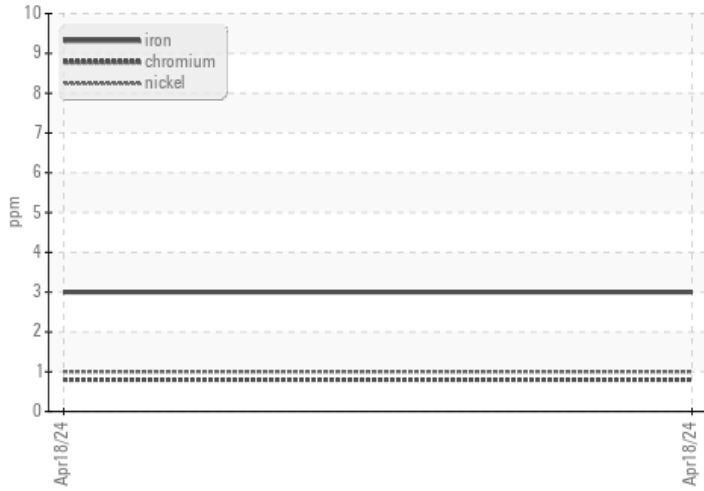
Calcium	ppm	● 3305	---	---	---
Magnesium	ppm	● 26	---	---	---
Zinc	ppm	● 1362	---	---	---
Phosphorus	ppm	● 1153	---	---	---
Barium	ppm	● <1	---	---	---
Boron	ppm	● 88	---	---	---

Depot: DOMWAU
Unique No: 10995195
Signed: Don Baldrige
Report Date: 26 Apr 2024

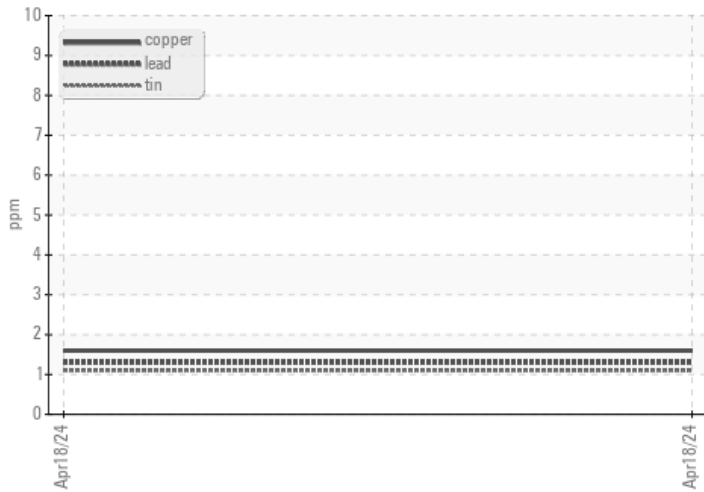


Graphs

Ferrous Alloys



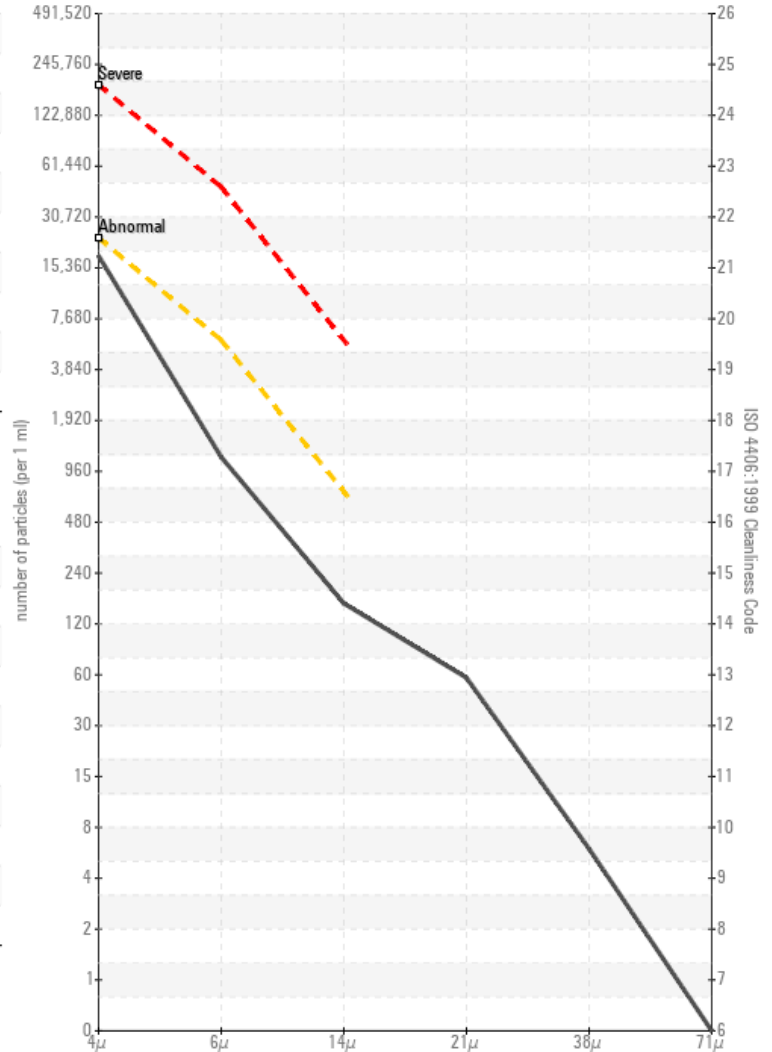
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

