

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR L566 014293-460 - Hydraulic System

Sample No: LH0264558

Oil Type: {unknown}



#### Sample Information

Sample Number	LH0264558	LHMC012359	LHMC012016	---
Sample Date	24 May 2024	09 Jan 2008	23 Mar 2007	---
Machine Hours	33900	5262	1022	---
Oil Hours	0	2000	1022	---
Oil Changed	Not Chngd	Not Chngd	N/A	---
Sample Status	NORMAL	ABNORMAL	NORMAL	---

#### DOMTAR PULP AND PAPER

301 POINT BASSE AVE  
NEKOOSA, WI  
US 54457

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#### Oil Condition

Visc @ 40°C	cSt	49.0	56.03	63.38	---
Acid Number (AN)	mg KOH/g	0.90	1.14	0.975	---



#### Contamination

Water	%	NEG	NEG	NEG	---
Particles >4µm		5856	25074	18542	---
Particles >6µm		481	13769	4221	---
Particles >14µm		40	93	23	---
ISO 4406:1999 (c)		20/16/12	22/21/14	21/19/12	---
Silicon	ppm	12	2	2	---
Sodium	ppm	2	4	5	---
Potassium	ppm	0	2	0	---

#### 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	5	15	4	---
Copper	ppm	4	16	6	---
Lead	ppm	1	6	2	---
Tin	ppm	0	<1	0	---
Aluminum	ppm	<1	<1	<1	---
Chromium	ppm	0	2	1	---
Molybdenum	ppm	3	<1	0	---
Nickel	ppm	0	<1	<1	---
Titanium	ppm	0	0	<1	---
Silver	ppm	0	0	0	---
Manganese	ppm	0	3	<1	---
Vanadium	ppm	<1	0	0	---



#### Additives

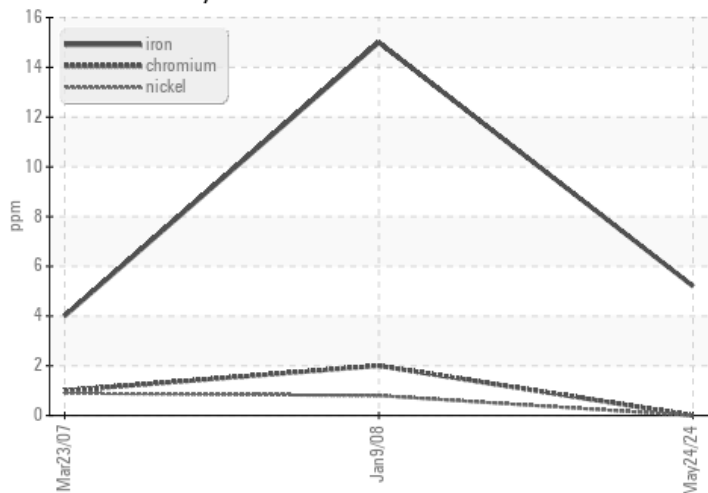
Calcium	ppm	3499	2111	1318	---
Magnesium	ppm	29	18	8	---
Zinc	ppm	1415	748	461	---
Phosphorus	ppm	1147	682	368	---
Barium	ppm	0	<1	<1	---
Boron	ppm	120	36	7	---

Depot: DOMWAU  
Unique No: 11058724  
Signed: Don Baldrige  
Report Date: 03 Jun 2024

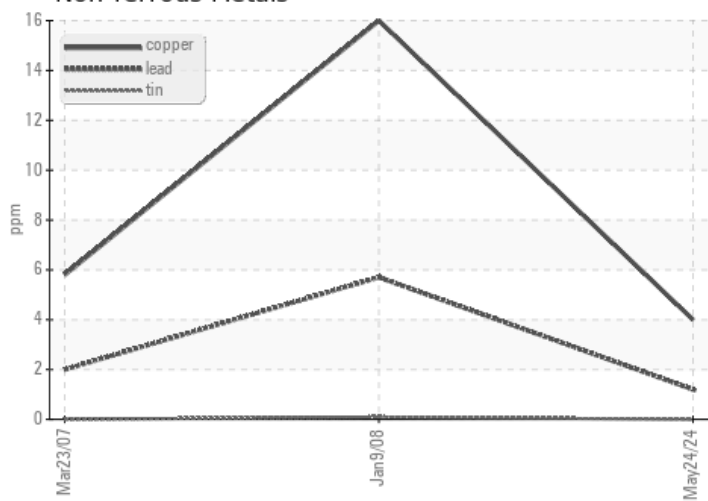


### Graphs

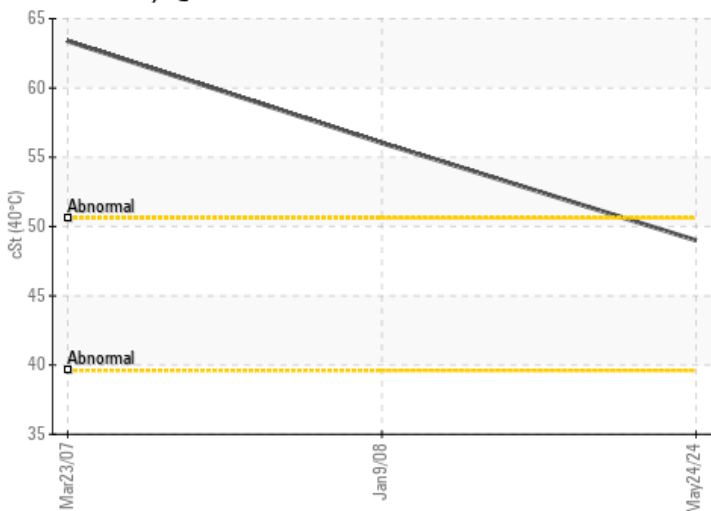
#### Ferrous Alloys



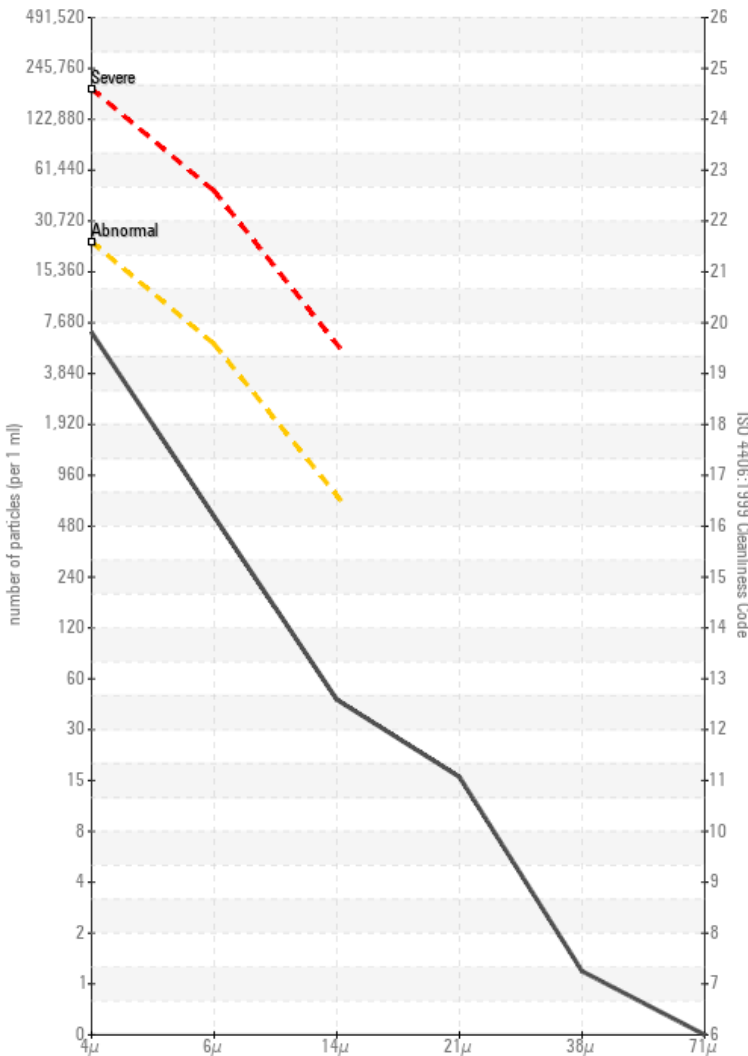
#### Non-ferrous Metals



#### Viscosity @ 40°C



#### Particle Count



#### Acid Number

