

LIEBHERR

CONSTRUCTION EQUIPMENT



[(368399)] LIEBHERR LH26M 135984-1252 - Hydraulic System

Sample No: LH0225718

Oil Type: {unknown}



TJ LOADING INC.
 2651 HIGHWAY 420
 SILLIKERS, NB
 CA E9E 1T8
 Contact: Service Manager



Sample Information

Sample Number	LH0225718	LH0225707	LH0225696	---
Sample Date	28 Jun 2024	01 Dec 2023	05 May 2023	---
Machine Hours	3780	300	1500	---
Oil Hours	0	0	0	---
Oil Changed	N/A	N/A	N/A	---
Sample Status	NORMAL	NORMAL	NORMAL	---



Oil Condition

Visc @ 40°C	cSt	43.7	44.8	45.3	---
Acid Number (AN)	mg KOH/g	0.90	1.05	0.95	---



Contamination

Water	%	NEG	NEG	NEG	---
Particles >4µm		779	1321	1768	---
Particles >6µm		108	335	205	---
Particles >14µm		14	26	16	---
ISO 4406:1999 (c)		17/14/11	18/16/12	18/15/11	---
Silicon	ppm	<1	<1	2	---
Sodium	ppm	<1	<1	<1	---
Potassium	ppm	<1	2	<1	---



Wear Metals

Iron	ppm	10	7	8	---
Copper	ppm	2	1	1	---
Lead	ppm	0	<1	0	---
Tin	ppm	0	0	0	---
Aluminum	ppm	<1	<1	<1	---
Chromium	ppm	<1	<1	<1	---
Molybdenum	ppm	0	0	0	---
Nickel	ppm	<1	<1	<1	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	0	0	0	---
Vanadium	ppm	0	0	0	---



Additives

Calcium	ppm	328	347	525	---
Magnesium	ppm	2	2	2	---
Zinc	ppm	793	790	770	---
Phosphorus	ppm	637	634	676	---
Barium	ppm	0	0	0	---
Boron	ppm	<1	<1	<1	---

T:
F:

Diagnosis

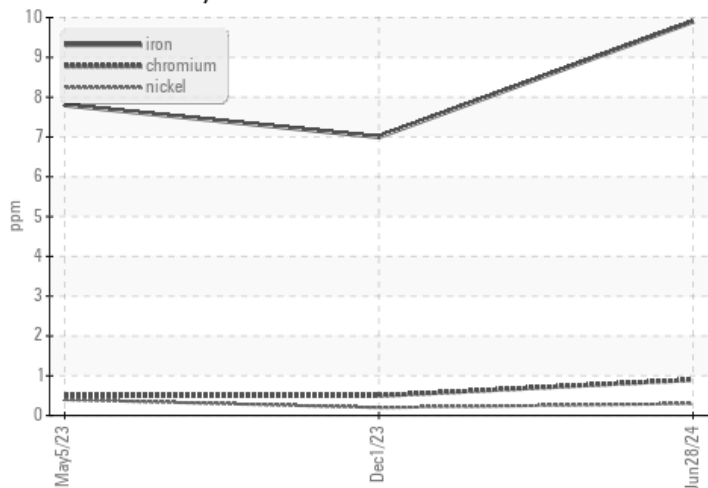
Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

Depot: TJLSIL
 Unique No: 5812296
 Signed: Wes Davis
 Report Date: 10 Jul 2024

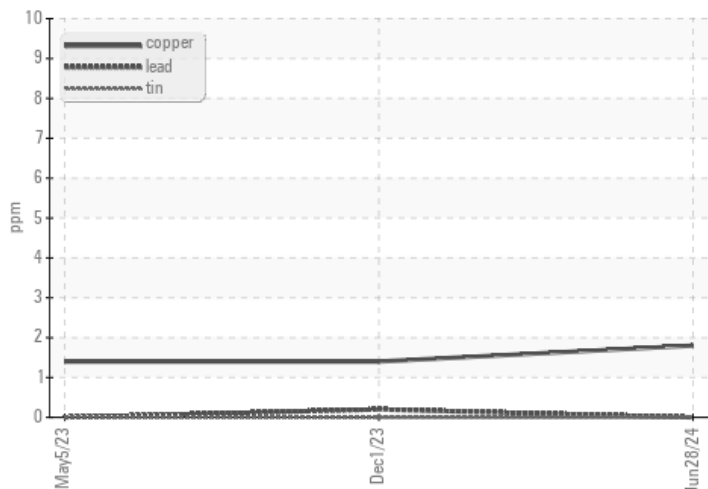


Graphs

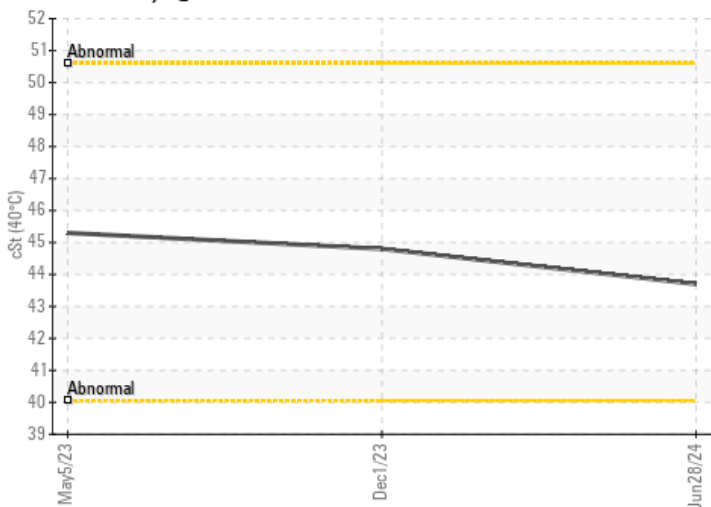
Ferrous Alloys



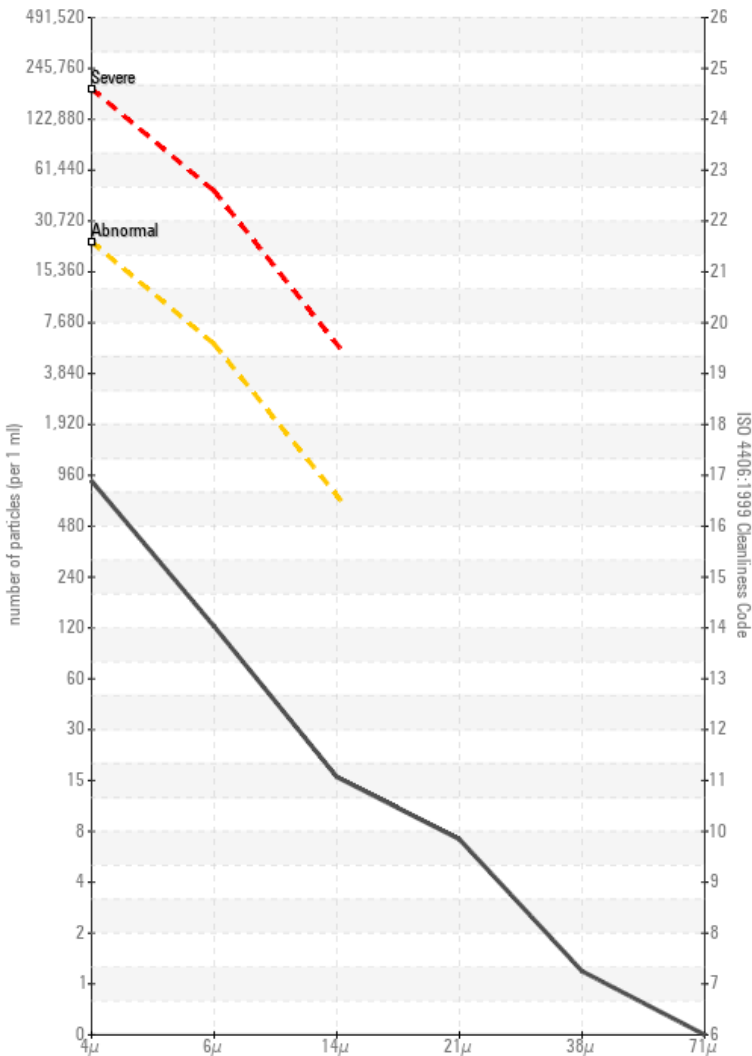
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

