

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L550 73936 - Hydraulic System

Sample No: LH0291278

Oil Type: {unknown}



Sample Information

Sample Number	LH0291278	---	---	---
Sample Date	10 Jun 2024	---	---	---
Machine Hours	3059	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

DOFASCO INC.

P.O. BOX 2460, 1330 BURLINGTON ST.E, HEAVY EQUIPMENT REPAIR
 HAMILTON, ON
 CA L8N 3J5
 Contact: HAROLD LOUDEN
 harold.louden@arcelormittal.com
 T: (905)548-7200
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Oil Condition

Visc @ 40°C	cSt	● 44.1	---	---	---
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Contamination

Water	%	NEG	---	---	---
Particles >4µm		● 5045	---	---	---
Particles >6µm		● 822	---	---	---
Particles >14µm		● 62	---	---	---
ISO 4406:1999 (c)		20/17/13	---	---	---
Silicon	ppm	● 2	---	---	---
Sodium	ppm	● 2	---	---	---
Potassium	ppm	● <1	---	---	---

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 condition of the oil is acceptable for the time in service.



Wear Metals

Iron	ppm	● 6	---	---	---
Copper	ppm	● 4	---	---	---
Lead	ppm	● 3	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● 1	---	---	---
Chromium	ppm	● 4	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	● 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	0	---	---	---



Additives

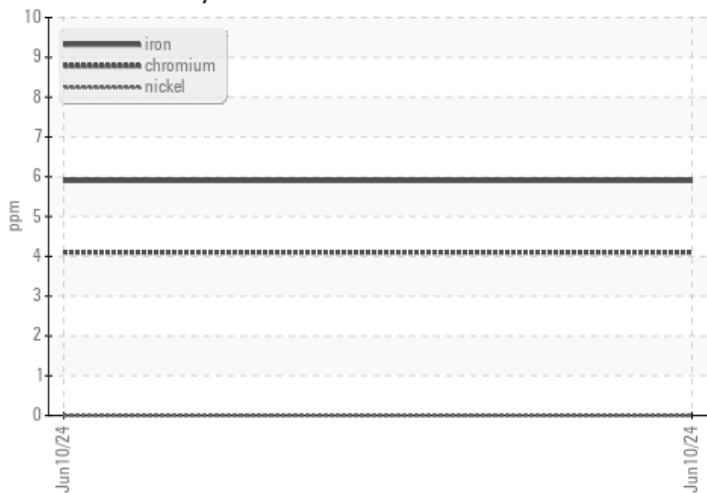
Calcium	ppm	1400	---	---	---
Magnesium	ppm	4	---	---	---
Zinc	ppm	686	---	---	---
Phosphorus	ppm	598	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	<1	---	---	---

Depot: DOFHAM
 Unique No: 5798764
 Signed: Wes Davis
 Report Date: 14 Jun 2024

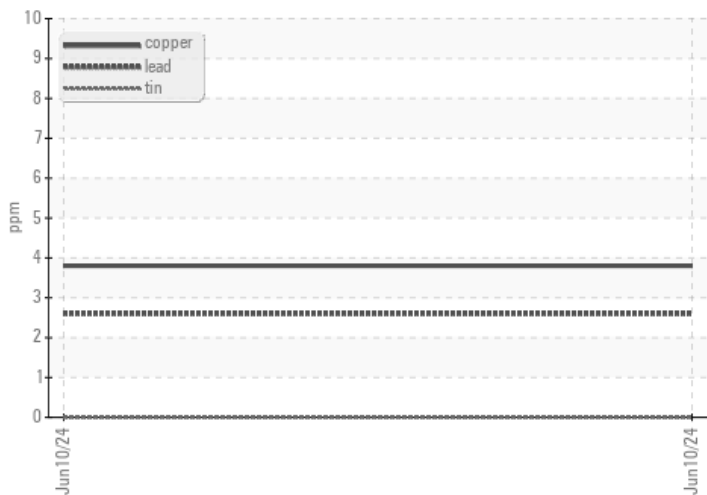


Graphs

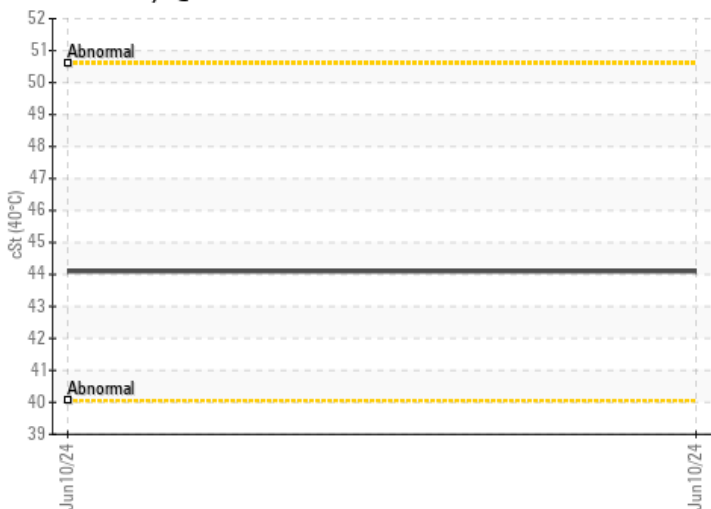
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

