

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L566 077068-1758 - Hydraulic System

Sample No: LH0290877

Oil Type: {unknown}



Sample Information

Sample Number	LH0290877	---	---	---
Sample Date	13 Jun 2024	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

Sintra Inc. (division Ouest)
 9975 rue de Chateaufort, Local B
 Brossard, QC
 CA J4Z 3V6
 Contact: Service Manager
 jonathan.smith@sintra.ca
 T:
 F:



Oil Condition

Visc @ 40°C	cSt	● 45.6	---	---	---
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Contamination

Water	%	NEG	---	---	---
Particles >4µm		● 15880	---	---	---
Particles >6µm		● 3221	---	---	---
Particles >14µm		● 148	---	---	---
ISO 4406:1999 (c)		21/19/14	---	---	---
Silicon	ppm	● 3	---	---	---
Sodium	ppm	● 1	---	---	---
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	● 8	---	---	---
Copper	ppm	● 2	---	---	---
Lead	ppm	● 1	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● 2	---	---	---
Chromium	ppm	● <1	---	---	---
Molybdenum	ppm	● 0	---	---	---
Nickel	ppm	● 0	---	---	---
Titanium	ppm	● 0	---	---	---
Silver	ppm	● 0	---	---	---
Manganese	ppm	● 0	---	---	---
Vanadium	ppm	● 0	---	---	---



Additives

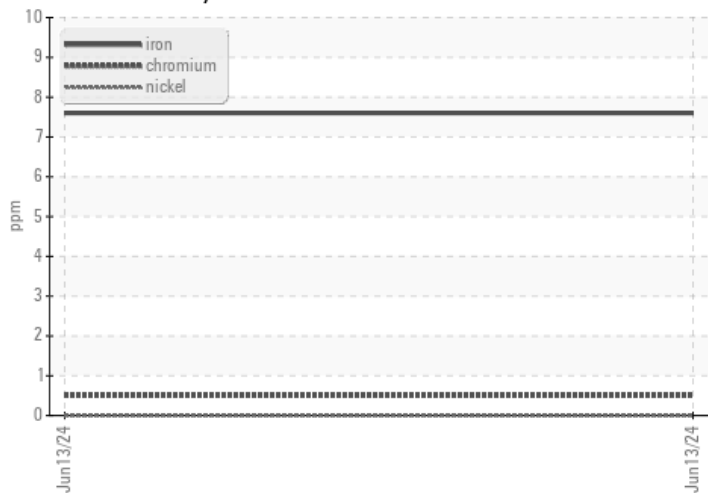
Calcium	ppm	1290	---	---	---
Magnesium	ppm	9	---	---	---
Zinc	ppm	670	---	---	---
Phosphorus	ppm	591	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	<1	---	---	---

Depot: SINBRO
Unique No: 5799579
Signed: Wes Davis
Report Date: 17 Jun 2024

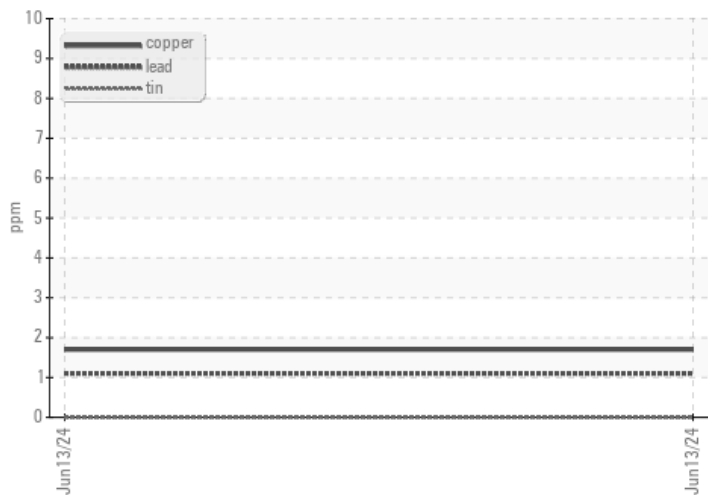


Graphs

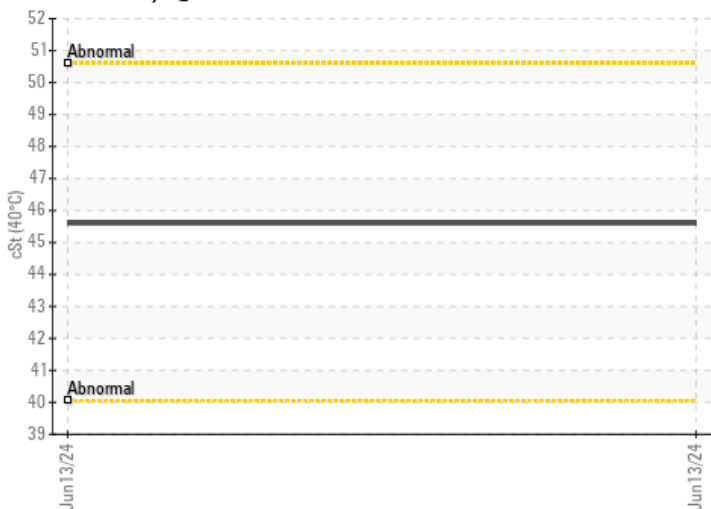
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

