

LIEBHERR

CONSTRUCTION EQUIPMENT



NO UNIT LH0277464 - Hydraulic System

Sample No: LH0277464
 Oil Type: NOT GIVEN



SAMPLE INFORMATION

Sample Number	LH0277464	---	---	---
Sample Date	27 Nov 2023	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	● 41.6	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		● 2924	---	---	---
Particles >6µm		● 790	---	---	---
Particles >14µm		● 44	---	---	---
ISO 4406:1999 (c)		19/17/13	---	---	---
Silicon	ppm	● 1	---	---	---
Sodium	ppm	● 1	---	---	---
Potassium	ppm	● <1	---	---	---

Diagnosis

Resample at the next service interval to monitor. Please specify the component make and model with your next sample. 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

PQ		● 0	---	---	---
Iron	ppm	24	---	---	---
Copper	ppm	● 2	---	---	---
Lead	ppm	● <1	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● <1	---	---	---
Chromium	ppm	● 2	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	● 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

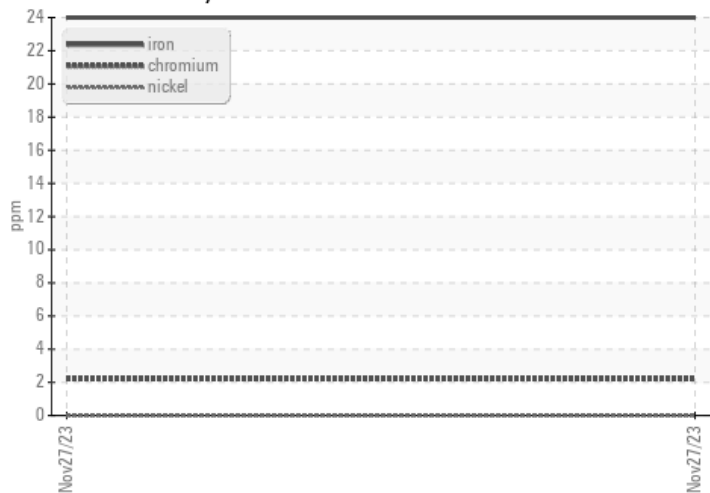
Calcium	ppm	155	---	---	---
Magnesium	ppm	3	---	---	---
Zinc	ppm	761	---	---	---
Phosphorus	ppm	590	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	<1	---	---	---

Depot: LIEMIS
 Unique No: 5684522
 Signed: Kevin Marson
 Report Date: 30 Nov 2023

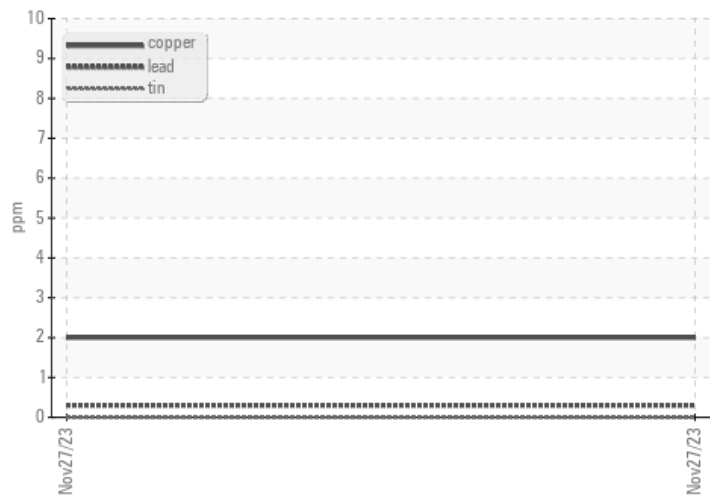


GRAPHS

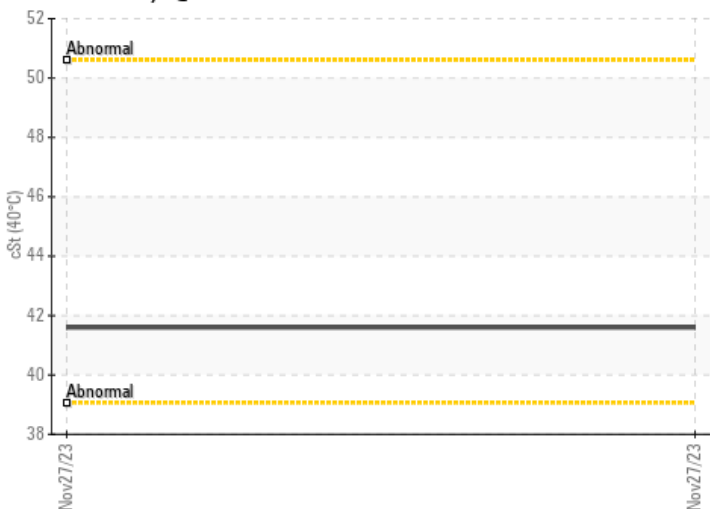
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

