

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR 8130.1185341 - Boom Winch

Sample No: LH0272559

Oil Type: LIEBHERR



SAMPLE INFORMATION

Sample Number	LH0272559	---	---	---
Sample Date	21 Oct 2023	---	---	---
Machine Hours	464	---	---	---
Oil Hours	464	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

OBYASHI
 5308 SMOTHERS RD
 WESTERVILLE, OH
 US 43081
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 T: (650)541-6680
 F:



OIL CONDITION

Visc @ 40°C	cSt	● 207	---	---	---
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CONTAMINATION

Silicon	ppm	● <1	---	---	---
Sodium	ppm	● 0	---	---	---
Potassium	ppm	● 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 condition of the oil is acceptable for the time in service.



WEAR METALS

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



ADDITIVES

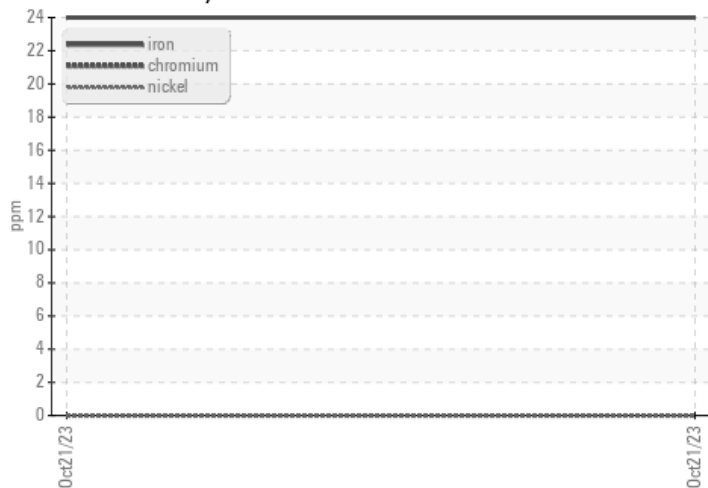
Calcium	ppm	● 53	---	---	---
Magnesium	ppm	● 0	---	---	---
Zinc	ppm	● 57	---	---	---
Phosphorus	ppm	● 319	---	---	---
Barium	ppm	● 2	---	---	---
Boron	ppm	● 13	---	---	---

Depot: OBAWES
Unique No: 10725903
Signed: Don Baldrige
Report Date: 05 Nov 2023

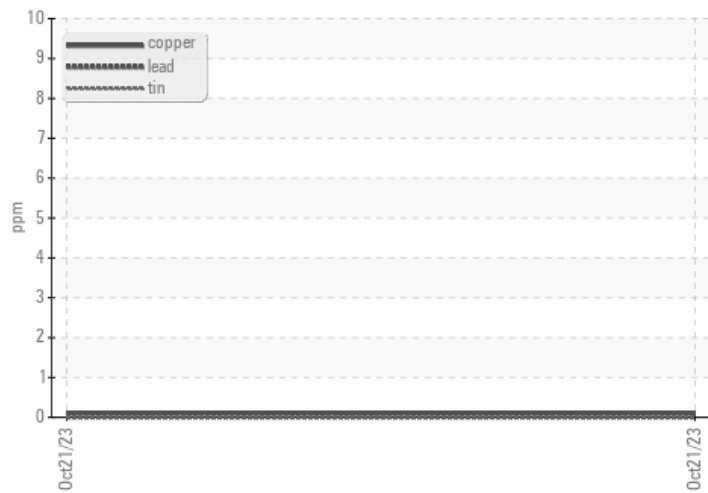


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

