

LIEBHERR

CONSTRUCTION EQUIPMENT



[[STEVENSON CRANE]] LIEBHERR LTM1300-6.3 081046 (S/N 2023140124) - Coolant

Sample No: LHMC148021

Oil Type: {unknown}



SAMPLE INFORMATION

Sample Number		LHMC148021	---	---	---
Sample Date		09 Feb 2024	---	---	---
Machine Hours		539	---	---	---
Sample Status		NORMAL	---	---	---

LIEBHERR USA CO - MOBILE AND CRAWLER CRANES
 4100 CHESTNUT AVENUE
 NEWPORT NEWS, VA
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COOLANT CONDITION

Boron	ppm	0	---	---	---
Phosphorus	ppm	13	---	---	---
Sodium	ppm	3708	---	---	---
Potassium	ppm	728	---	---	---
Silicon	ppm	98	---	---	---
pH	Scale 0-14	8.15	---	---	---
Reserve Alkalinity	Scale 0-20	---	---	---	---
Molybdenum	ppm	2	---	---	---
Nitrites	ppm	524	---	---	---
Percentage Glycol	%	52.5	---	---	---
Freezing Point	°C	-40	---	---	---

Diagnosis

The fluid is suitable for further service. All metal levels are normal indicating no corrosion in the cooling system. There is no indication of any contamination in the coolant. The carboxylate level of this fluid is acceptable. Glycol and nitrite levels are acceptable. The pH level of this fluid is within the acceptable limits.



CONTAMINATION

Magnesium	ppm	21	---	---	---
Calcium	ppm	42	---	---	---
Coolant Appearance		normal	---	---	---
Coolant Color		Pink	---	---	---



CORROSION

Iron	ppm	2	---	---	---
Aluminum	ppm	3	---	---	---
Copper	ppm	1	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	<1	---	---	---

Depot: LIENEW
 Unique No: 10884255
 Signed: Doug Bogart
 Report Date: 21 Feb 2024

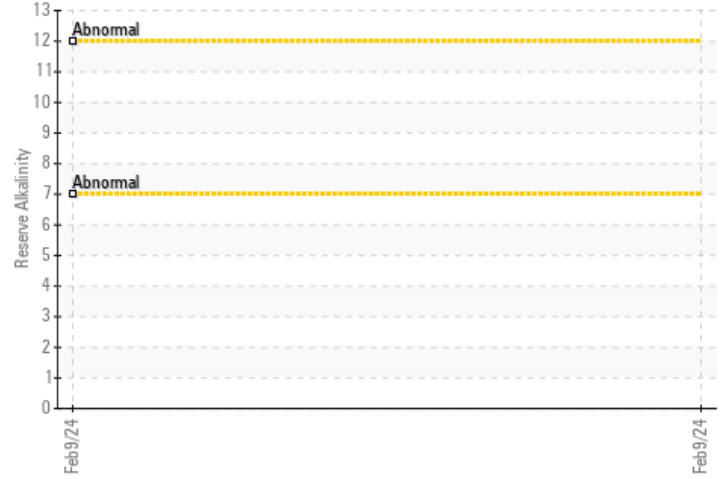


GRAPHS

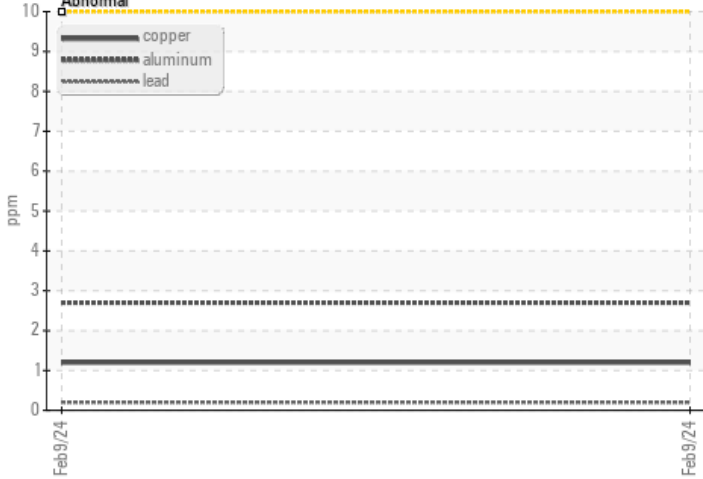
Iron/Tin/Silver



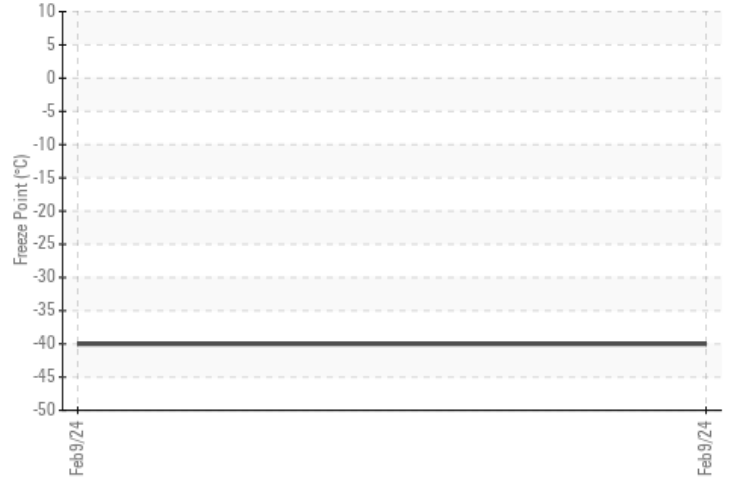
Reserve Alkalinity



Copper/Aluminum/Lead



Freeze Point



pH



Nitrites

