

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH30 115463 - Coolant

Sample No: LH0284041

Oil Type: HYBRID (HOAT) COOLANT



#### SAMPLE INFORMATION

Sample Number	LH0284041	---	---	---
Sample Date	02 Feb 2024	---	---	---
Machine Hours	530	---	---	---
Sample Status	NORMAL	---	---	---

#### Liebherr Canada

140 - 21320 Gordon Way  
Richmond, BC  
CA V6W 1J8

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#### COOLANT CONDITION

Boron	ppm	13	---	---	---
Phosphorus	ppm	36	---	---	---
Sodium	ppm	6458	---	---	---
Potassium	ppm	1374	---	---	---
Silicon	ppm	9	---	---	---
pH	Scale 0-14	7.88	---	---	---
Reserve Alkalinity	Scale 0-20	5.0	---	---	---
Molybdenum	ppm	49	---	---	---
Nitrites	ppm	600	---	---	---
Percentage Glycol	%	50.2	---	---	---
Freezing Point	°C	-37	---	---	---

#### Diagnosis

The fluid is suitable for further service. Resample at the next service interval to monitor. All metal levels are normal indicating no corrosion in the cooling system. There is no indication of any contamination in the coolant. The nitrite level is acceptable. The pH level of this fluid is within the acceptable limits. The reserve alkalinity of this fluid is acceptable.



#### CONTAMINATION

Magnesium	ppm	1	---	---	---
Calcium	ppm	6	---	---	---
Coolant Appearance		Clear	---	---	---
Coolant Color		Pink	---	---	---
Sand/Dirt	scalar	NONE	---	---	---
Debris	scalar	NONE	---	---	---
Precipitate	scalar	NONE	---	---	---
Silt	scalar	NONE	---	---	---



#### CORROSION

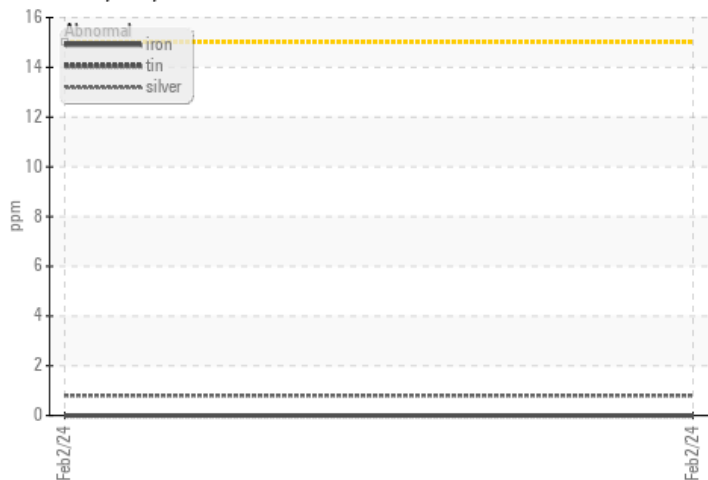
Iron	ppm	0	---	---	---
Aluminum	ppm	<1	---	---	---
Copper	ppm	0	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	0	---	---	---

Depot: LIERIC  
Unique No: 5722924  
Signed: Kevin Marson  
Report Date: 07 Feb 2024

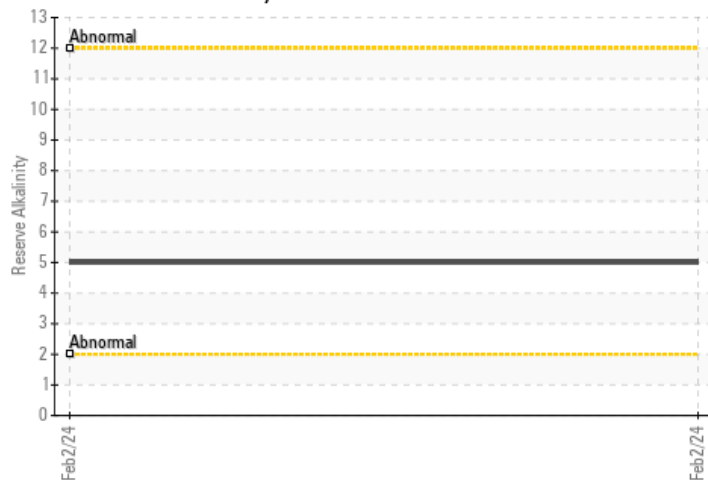


### GRAPHS

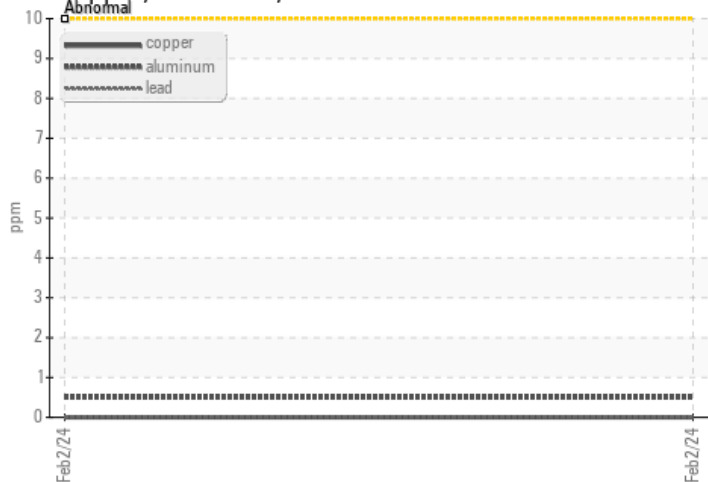
Iron/Tin/Silver



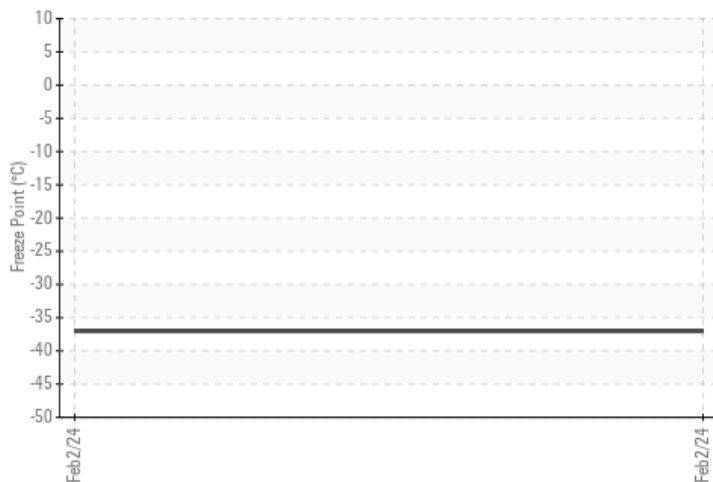
Reserve Alkalinity



Copper/Aluminum/Lead



Freeze Point



pH



Nitrites

