

LIEBHERR

CONSTRUCTION EQUIPMENT



[PRO CAISSONS [601832]] LIEBHERR LB35 T15695 - Coolant

Sample No: LH0286718

Oil Type: EXTENDED LIFE COOLANT



SAMPLE INFORMATION

Sample Number	LH0286718	---	---	---
Sample Date	06 Mar 2024	---	---	---
Machine Hours	2047	---	---	---
Sample Status	NORMAL	---	---	---



COOLANT CONDITION

Boron	ppm	85	---	---	---
Phosphorus	ppm	8	---	---	---
Sodium	ppm	8775	---	---	---
Potassium	ppm	657	---	---	---
Silicon	ppm	6	---	---	---
pH	Scale 0-14	8.11	---	---	---
Reserve Alkalinity	Scale 0-20	3.2	---	---	---
Molybdenum	ppm	17	---	---	---
Nitrites	ppm	1080	---	---	---
Percentage Glycol	%	51.5	---	---	---
Freezing Point	°C	-39	---	---	---



CONTAMINATION

Magnesium	ppm	2	---	---	---
Calcium	ppm	16	---	---	---
Coolant Appearance		Clear	---	---	---
Coolant Color		Orange	---	---	---
Sand/Dirt	scalar	NONE	---	---	---
Debris	scalar	NONE	---	---	---
Precipitate	scalar	NONE	---	---	---
Silt	scalar	NONE	---	---	---



CORROSION

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

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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.

Depot: LIEMIS
 Unique No: 5746073
 Signed: Kevin Marson
 Report Date: 11 Mar 2024

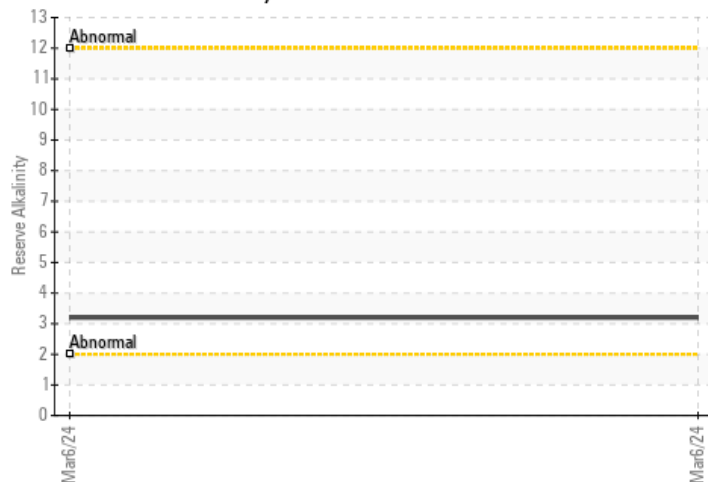


GRAPHS

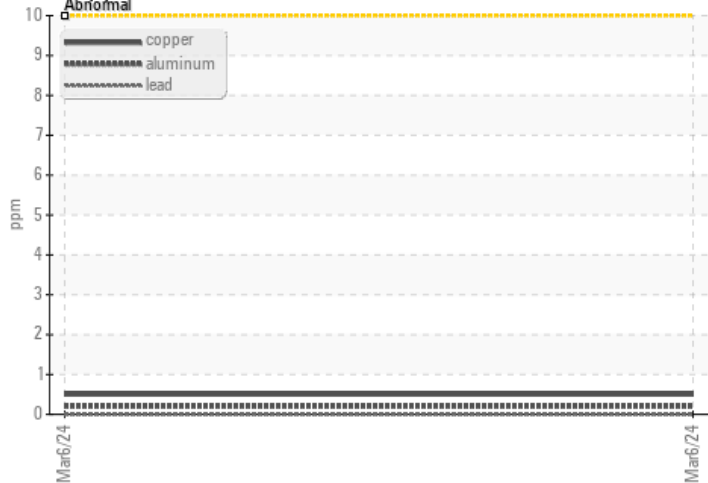
Iron/Tin/Silver



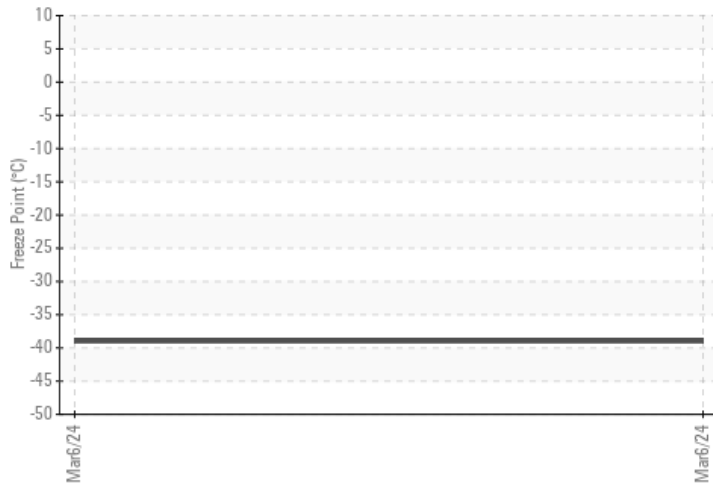
Reserve Alkalinity



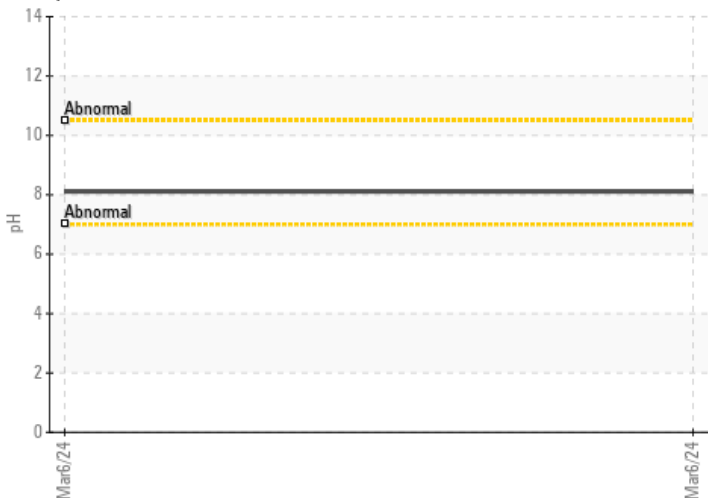
Copper/Aluminum/Lead



Freeze Point



pH



Nitrites

