

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [[AZCON]] LIEBHERR A934 038332-1006 - Coolant

Sample No: LH0253873

Oil Type: EXTENDED LIFE COOLANT



#### SAMPLE INFORMATION

Sample Number	LH0253873	---	---	---
Sample Date	11 Aug 2023	---	---	---
Machine Hours	13950	---	---	---
Sample Status	NORMAL	---	---	---



#### COOLANT CONDITION

Boron	ppm	● 257	---	---	---
Phosphorus	ppm	● 57	---	---	---
Sodium	ppm	● 4233	---	---	---
Potassium	ppm	● 4791	---	---	---
Silicon	ppm	● 41	---	---	---
pH	Scale 0-14	● 9.49	---	---	---
Reserve Alkalinity	Scale 0-20	---	---	---	---
Molybdenum	ppm	● 103	---	---	---
Nitrites	ppm	● 1240	---	---	---
Percentage Glycol	%	● 50.3	---	---	---
Freezing Point	°C	● -35	---	---	---

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#### CONTAMINATION

Magnesium	ppm	● 1	---	---	---
Calcium	ppm	● 3	---	---	---
Coolant Appearance		normal	---	---	---
Coolant Color		Orange	---	---	---



#### CORROSION

Iron	ppm	● <1	---	---	---
Aluminum	ppm	● 2	---	---	---
Copper	ppm	● 8	---	---	---
Lead	ppm	● <1	---	---	---
Tin	ppm	● <1	---	---	---

#### 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. Glycol and nitrite levels are acceptable. The pH level of this fluid is within the acceptable limits.

**Depot:** LEC0008  
**Unique No:** 10635587  
**Signed:** Doug Bogart  
**Report Date:** 11 Sep 2023

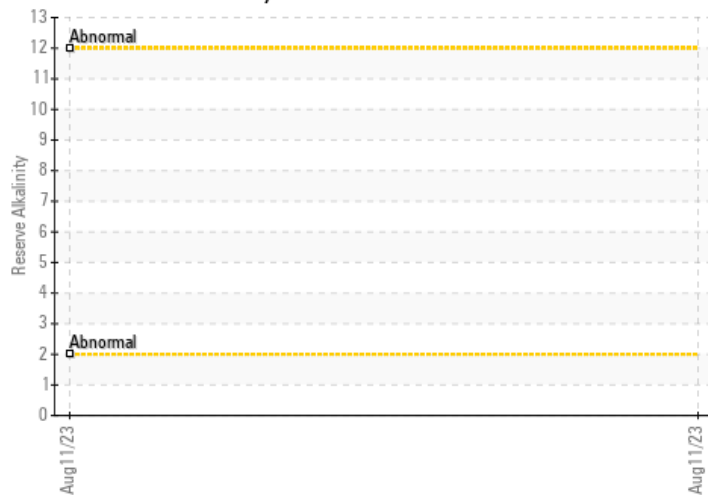


### GRAPHS

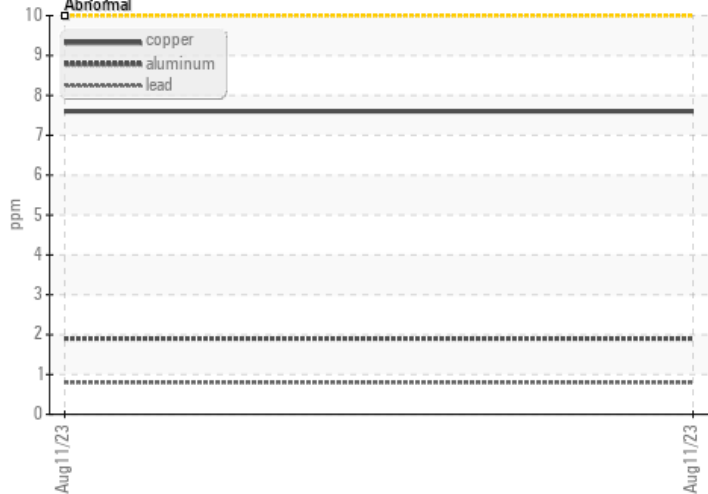
Iron/Tin/Silver



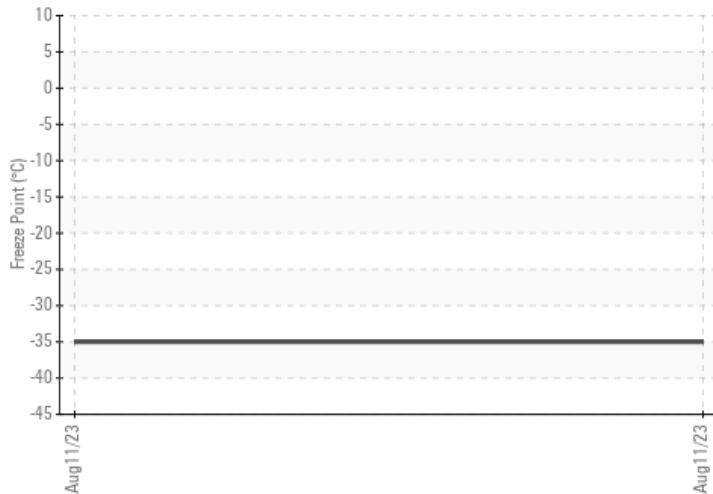
Reserve Alkalinity



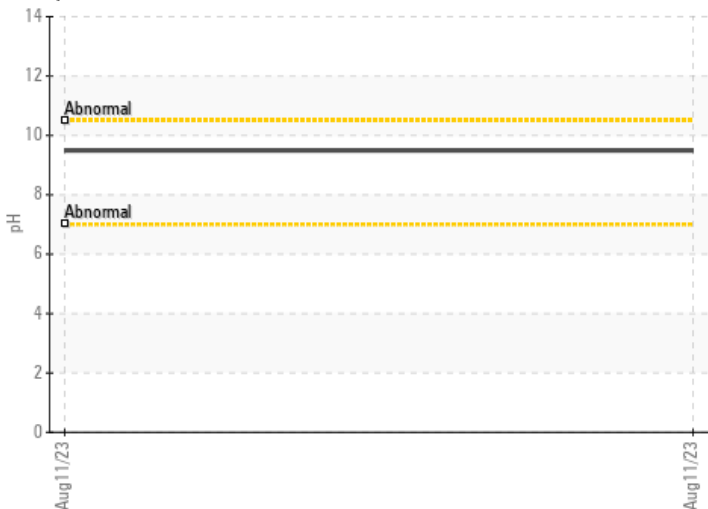
Copper/Aluminum/Lead



Freeze Point



pH



Nitrites

