

LIEBHERR

CONSTRUCTION EQUIPMENT



[[S20230323024447]] LIEBHERR TA230 7369 - Coolant

Sample No: LH06059736

Oil Type: {unknown}



SAMPLE INFORMATION

Sample Number	LH06059736	---	---	---
Sample Date	29 Dec 2023	---	---	---
Machine Hours	2227	---	---	---
Sample Status	NORMAL	---	---	---



COOLANT CONDITION

Boron	ppm	0	---	---	---
Phosphorus	ppm	16	---	---	---
Sodium	ppm	5282	---	---	---
Potassium	ppm	925	---	---	---
Silicon	ppm	132	---	---	---
pH	Scale 0-14	7.68	---	---	---
Reserve Alkalinity	Scale 0-20	---	---	---	---
Molybdenum	ppm	6	---	---	---
Nitrites	ppm	636	---	---	---
Percentage Glycol	%	51.9	---	---	---
Freezing Point	°C	-38	---	---	---



CONTAMINATION

Magnesium	ppm	28	---	---	---
Calcium	ppm	43	---	---	---
Coolant Appearance		normal	---	---	---
Coolant Color		Pink	---	---	---



CORROSION

Iron	ppm	4	---	---	---
Aluminum	ppm	3	---	---	---
Copper	ppm	9	---	---	---
Lead	ppm	1	---	---	---
Tin	ppm	2	---	---	---

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Diagnosis

No corrective action is recommended at this time. 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. Carboxylate test failed. Glycol and nitrite levels are acceptable. The pH level of this fluid is within the acceptable limits.

Depot: LEC0051
Unique No: 10831118
Signed: Doug Bogart
Report Date: 17 Jan 2024

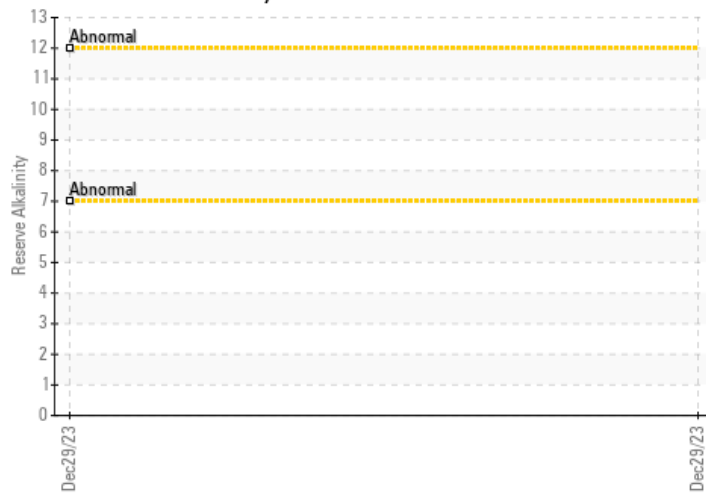


GRAPHS

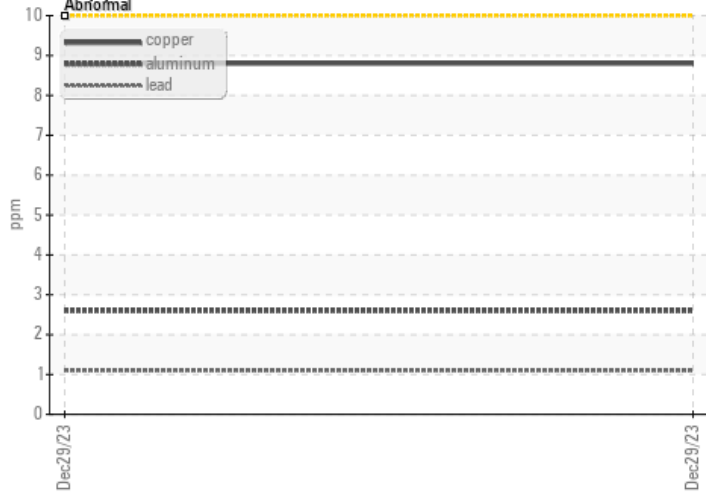
Iron/Tin/Silver



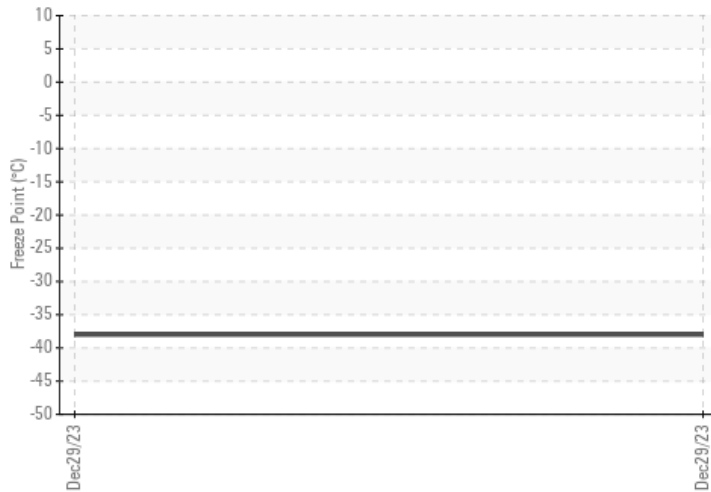
Reserve Alkalinity



Copper/Aluminum/Lead



Freeze Point



pH



Nitrites

