

LIEBHERR

CONSTRUCTION EQUIPMENT



10072 - Coolant

Sample No: LH0270526

Oil Type: {unknown}



SAMPLE INFORMATION

Sample Number	LH0270526	---	---	---
Sample Date	22 Feb 2024	---	---	---
Machine Hours	8976	---	---	---
Sample Status	NORMAL	---	---	---

LIEBHERR CANADA LTD.

1015 SUTTON DRIVE

BURLINGTON, ON

CA L7L 5Z8

Contact: Joseph Rodgers

joseph.rodgers@liebherr.com

T:

F: (905)319-6622



COOLANT CONDITION

Boron	ppm	13	---	---	---
Phosphorus	ppm	8	---	---	---
Sodium	ppm	7852	---	---	---
Potassium	ppm	3422	---	---	---
Silicon	ppm	12	---	---	---
pH	Scale 0-14	7.30	---	---	---
Reserve Alkalinity	Scale 0-20	3.3	---	---	---
Molybdenum	ppm	345	---	---	---
Nitrites	ppm	320	---	---	---
Percentage Glycol	%	59.1	---	---	---
Freezing Point	°C	-49	---	---	---

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 pH level of this fluid is within the acceptable limits. The reserve alkalinity of this fluid is acceptable.



CONTAMINATION

Magnesium	ppm	5	---	---	---
Calcium	ppm	13	---	---	---
Coolant Appearance		Clear	---	---	---
Coolant Color		Orange	---	---	---
Sand/Dirt	scalar	VLITE	---	---	---
Debris	scalar	NONE	---	---	---
Precipitate	scalar	NONE	---	---	---
Silt	scalar	NONE	---	---	---



CORROSION

Iron	ppm	3	---	---	---
Aluminum	ppm	4	---	---	---
Copper	ppm	2	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	0	---	---	---

Depot: LIEMIS

Unique No: 5735016

Signed: Kevin Marson

Report Date: 28 Feb 2024

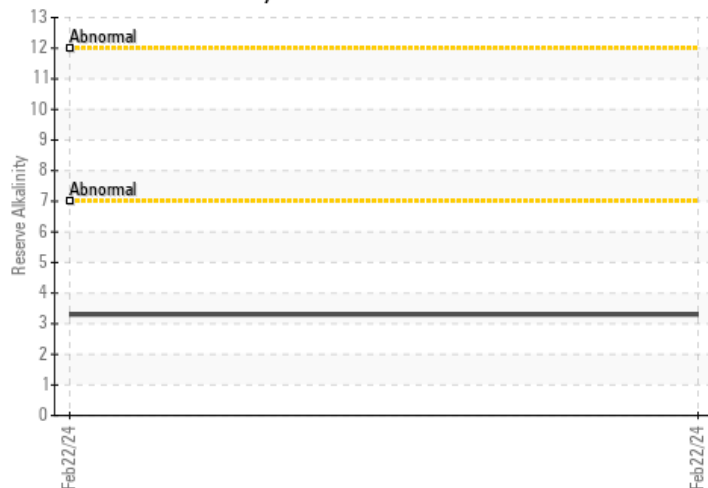


GRAPHS

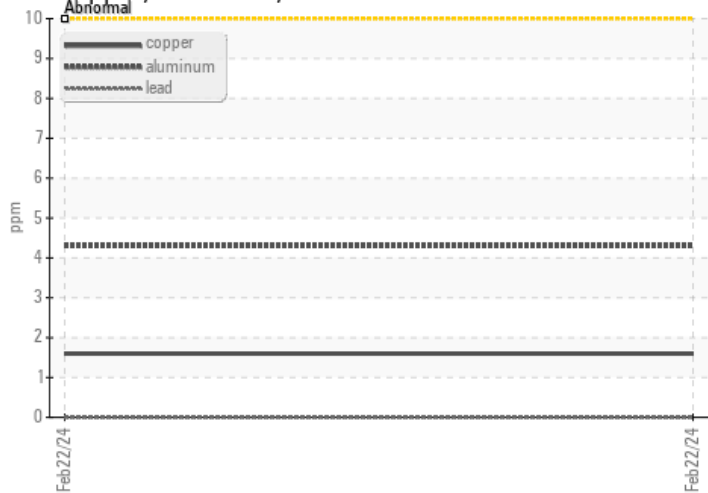
Iron/Tin/Silver



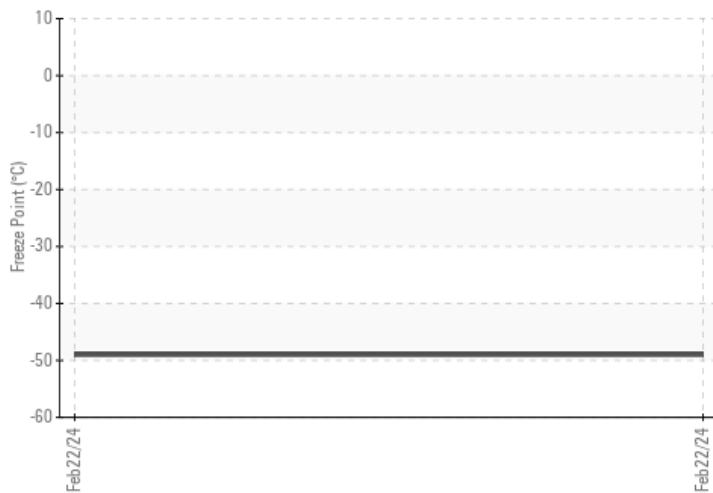
Reserve Alkalinity



Copper/Aluminum/Lead



Freeze Point



pH



Nitrites

