

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR HS8100 184947 - Coolant

Sample No: LH0278872

Oil Type: {unknown}



SAMPLE INFORMATION

Sample Number	LH0278872	---	---	---
Sample Date	26 Jan 2024	---	---	---
Machine Hours	15056	---	---	---
Sample Status	NORMAL	---	---	---

HIGGS & HIGGS

RR # 4

ST THOMAS, ON

CA N5P 3S8

Contact: Bernie Higgs



COOLANT CONDITION

Boron	ppm	4	---	---	---
Phosphorus	ppm	5	---	---	---
Sodium	ppm	4694	---	---	---
Potassium	ppm	0	---	---	---
Silicon	ppm	4	---	---	---
pH	Scale 0-14	8.09	---	---	---
Reserve Alkalinity	Scale 0-20	2.5	---	---	---
Molybdenum	ppm	479	---	---	---
Nitrites	ppm	480	---	---	---
Percentage Glycol	%	49.9	---	---	---
Freezing Point	°C	-36	---	---	---

T: (519)631-4095

F: (519)631-2745

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the coolant. The condition of the coolant is acceptable for the time in service.



CONTAMINATION

Magnesium	ppm	1	---	---	---
Calcium	ppm	8	---	---	---
Coolant Appearance		Clear	---	---	---
Coolant Color		Red	---	---	---
Sand/Dirt	scalar	NONE	---	---	---
Debris	scalar	NONE	---	---	---
Precipitate	scalar	NONE	---	---	---
Silt	scalar	NONE	---	---	---



CORROSION

Iron	ppm	0	---	---	---
Aluminum	ppm	2	---	---	---
Copper	ppm	1	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	0	---	---	---

Depot: HIGSTT

Unique No: 5721354

Signed: Wes Davis

Report Date: 01 Feb 2024

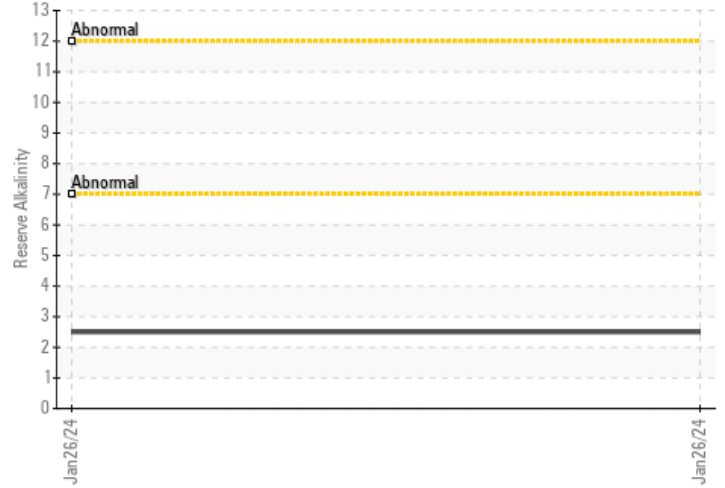


GRAPHS

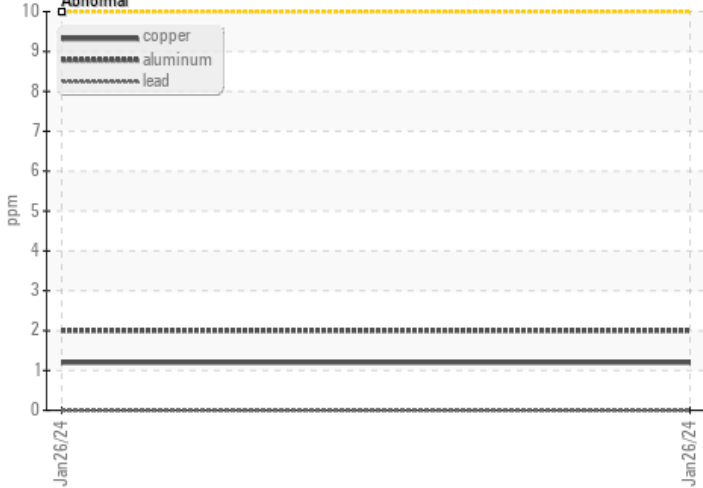
Iron/Tin/Silver



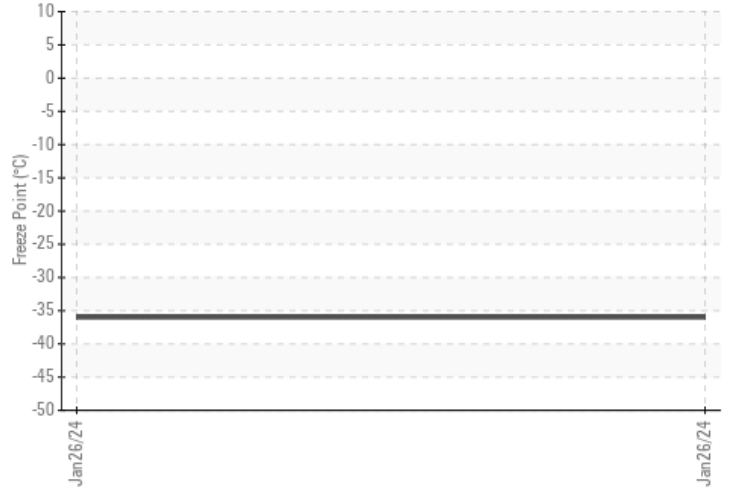
Reserve Alkalinity



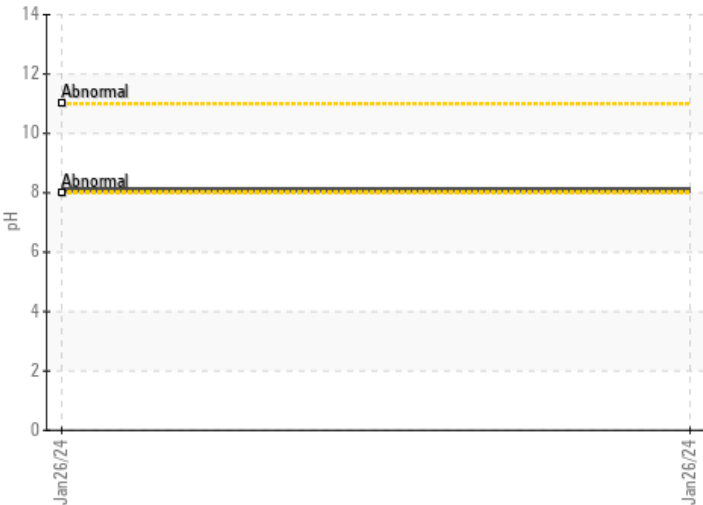
Copper/Aluminum/Lead



Freeze Point



pH



Nitrites

