

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR HS895 188244 - Coolant

Sample No: LH0289539

Oil Type: EXTENDED LIFE COOLANT



Sample Information

Sample Number	LH0289539	---	---	---
Sample Date	10 May 2024	---	---	---
Machine Hours	21278	---	---	---
Sample Status	NORMAL	---	---	---

HIGGS & HIGGS

RR # 4

ST THOMAS, ON

CA N5P 3S8

Contact: Bernie Higgs



Coolant Condition

Boron	ppm	62	---	---	---
Phosphorus	ppm	6	---	---	---
Sodium	ppm	5563	---	---	---
Potassium	ppm	35	---	---	---
Silicon	ppm	19	---	---	---
pH	Scale 0-14	7.64	---	---	---
Reserve Alkalinity	Scale 0-20	2.5	---	---	---
Molybdenum	ppm	394	---	---	---
Nitrites	ppm	720	---	---	---
Percentage Glycol	%	51.1	---	---	---
Freezing Point	°C	-39	---	---	---

T: (519)631-4095

F: (519)631-2745

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.



Contamination

Magnesium	ppm	3	---	---	---
Calcium	ppm	9	---	---	---
Coolant Appearance		Cloudy	---	---	---
Coolant Color		Red	---	---	---
Sand/Dirt	scalar	VLITE	---	---	---
Debris	scalar	NONE	---	---	---
Precipitate	scalar	NONE	---	---	---
Silt	scalar	NONE	---	---	---



Corrosion

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

Depot: HIGSTT

Unique No: 5801795

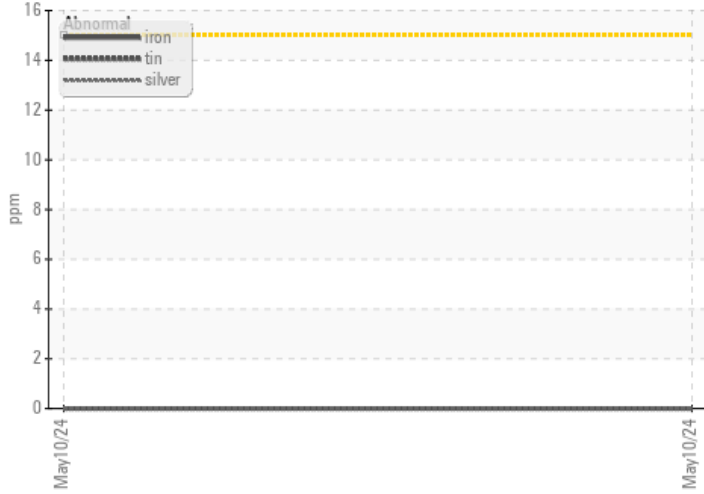
Signed: Kevin Marson

Report Date: 27 Jun 2024

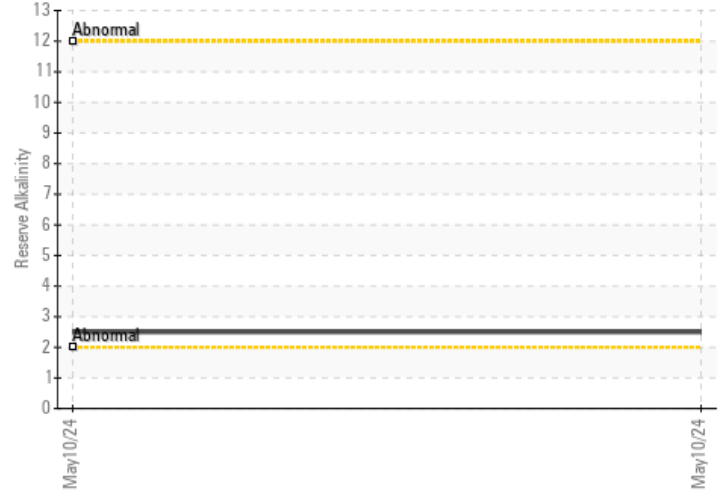


Graphs

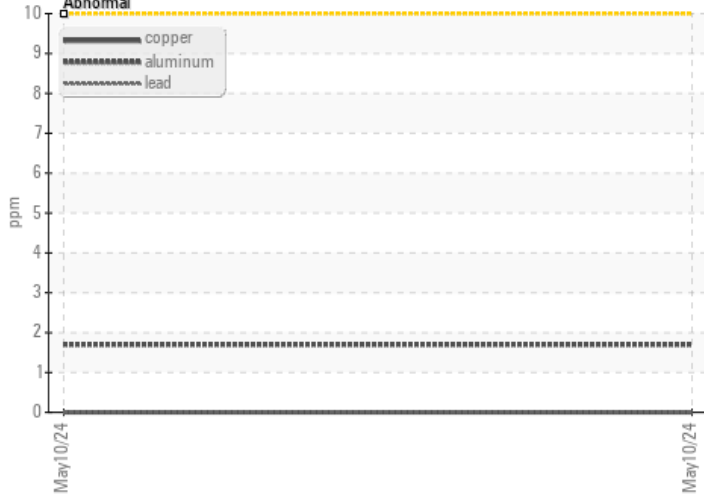
Iron/Tin/Silver



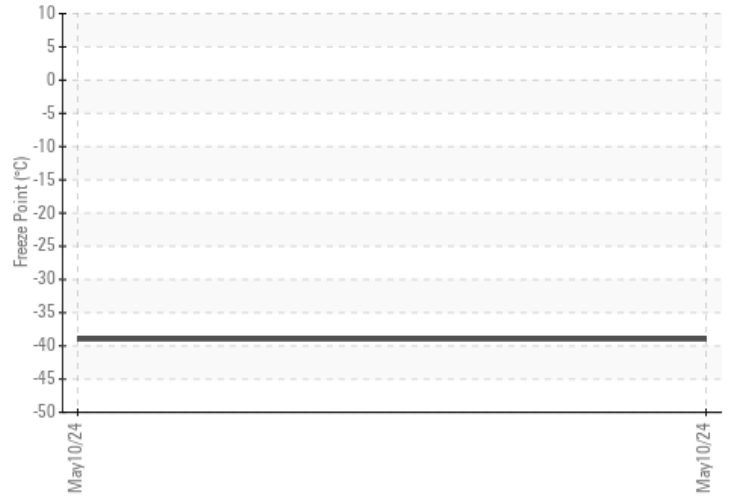
Reserve Alkalinity



Copper/Aluminum/Lead



Freeze Point



pH



Nitrites

