

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR HS895HD 188227 - Coolant

Sample No: LH0261272

Oil Type: EXTENDED LIFE COOLANT



SAMPLE INFORMATION

Sample Number	LH0261272	---	---	---
Sample Date	04 May 2023	---	---	---
Machine Hours	24070	---	---	---
Sample Status	NORMAL	---	---	---

HIGGS & HIGGS

RR # 4

ST THOMAS, ON

CA N5P 3S8

Contact: Bernie Higgs

T: (519)631-4095

F: (519)631-2745



COOLANT CONDITION

Boron	ppm	370	---	---	---
Phosphorus	ppm	9	---	---	---
Sodium	ppm	2475	---	---	---
Potassium	ppm	43	---	---	---
Silicon	ppm	33	---	---	---
pH	Scale 0-14	8.25	---	---	---
Reserve Alkalinity	Scale 0-20	4.5	---	---	---
Molybdenum	ppm	210	---	---	---
Nitrites	ppm	880	---	---	---
Percentage Glycol	%	50.5	---	---	---
Freezing Point	°C	-35	---	---	---

Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) EXTENDED LIFE COOLANT. Please confirm.

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	2	---	---	---
Calcium	ppm	9	---	---	---
Coolant Appearance		Clear	---	---	---
Coolant Color		Red	---	---	---
Sand/Dirt	scalar	NONE	---	---	---
Debris	scalar	NONE	---	---	---
Precipitate	scalar	NONE	---	---	---
Silt	scalar	NONE	---	---	---



CORROSION

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

Depot: HIGSTT

Unique No: 5577384

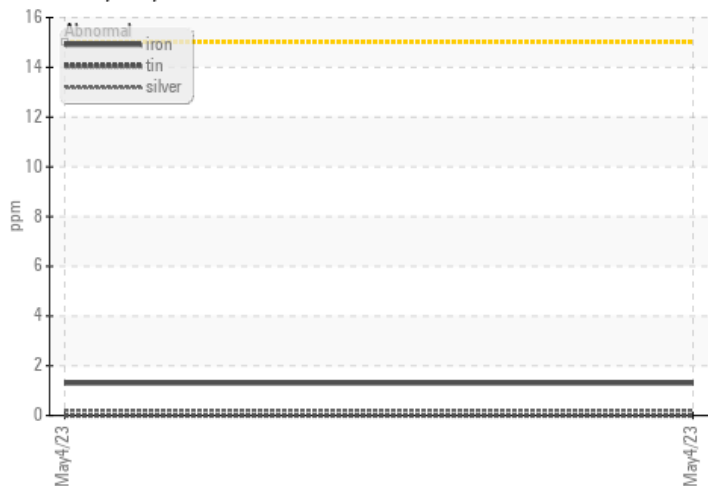
Signed: Wes Davis

Report Date: 09 May 2023

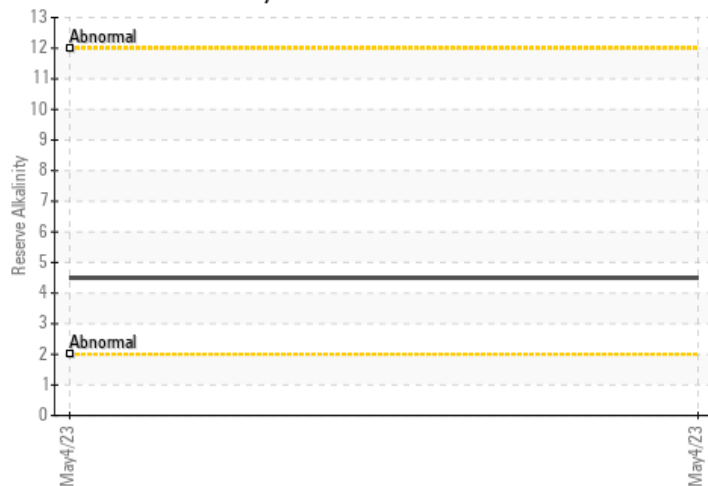


GRAPHS

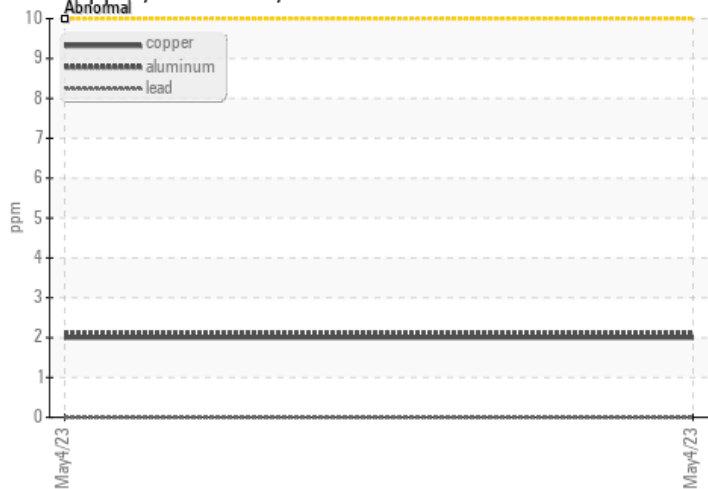
Iron/Tin/Silver



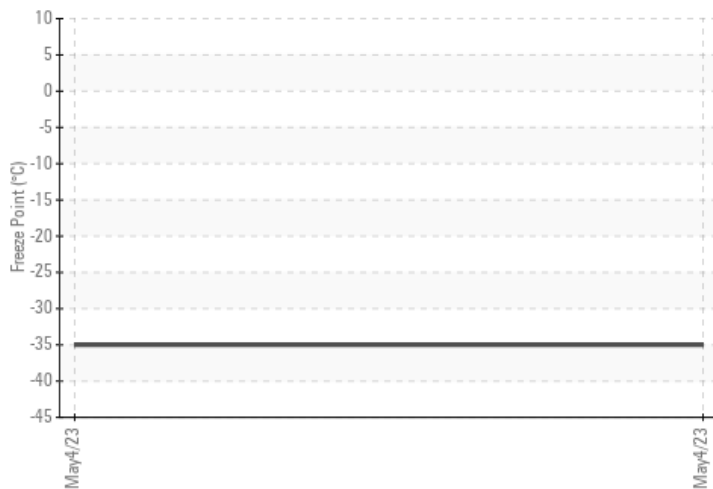
Reserve Alkalinity



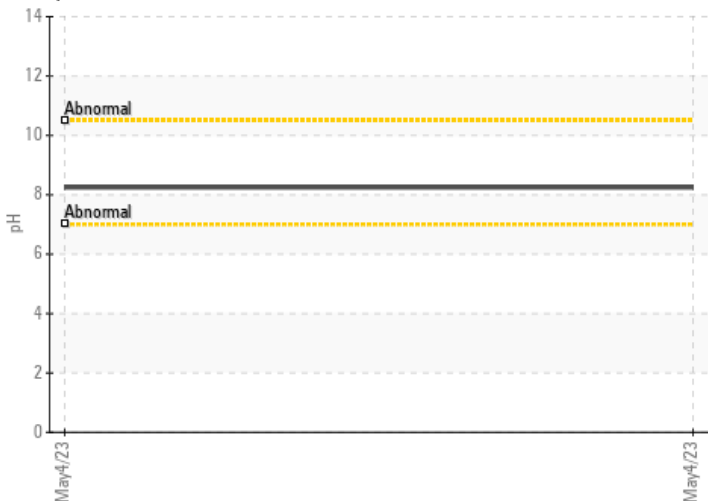
Copper/Aluminum/Lead



Freeze Point



pH



Nitrites

