

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH50M 1203-80864 - Coolant

Sample No: LH0130029

Oil Type: EXTENDED LIFE COOLANT



#### Sample Information

Sample Number	LH0130029	---	---	---
Sample Date	20 Sep 2018	---	---	---
Machine Hours	14360	---	---	---
Sample Status	NORMAL	---	---	---



#### Coolant Condition

Boron	ppm	14	---	---	---
Phosphorus	ppm	2	---	---	---
Sodium	ppm	2341	---	---	---
Potassium	ppm	3556	---	---	---
Silicon	ppm	3	---	---	---
pH	Scale 0-14	7.65	---	---	---
Reserve Alkalinity	Scale 0-20	2.0	---	---	---
Molybdenum	ppm	216	---	---	---
Nitrites	ppm	440	---	---	---
Percentage Glycol	%	53.0	---	---	---
Freezing Point	°C	-42	---	---	---



#### Contamination

Magnesium	ppm	4	---	---	---
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	<1	---	---	---
Aluminum	ppm	2	---	---	---
Copper	ppm	0	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	<1	---	---	---

**Scierie Alexandre Lemay et Fils Inc.**  
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#### Diagnosis

Le fluide peut encore servir. Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Les concentrations de tous les métaux sont normales indiquant qu'il n'y a pas de corrosion dans le système de refroidissement. Il n'y a aucun indice de contamination dans le l'agent de refroidissement. Le niveau de pH de ce fluide est dans les limites acceptables. La réserve d'alcalinité de ce fluide est acceptable.

**Depot:** SC1149STE  
**Unique No:** 4756354  
**Signed:** Kevin Marson  
**Report Date:** 25 Sep 2018

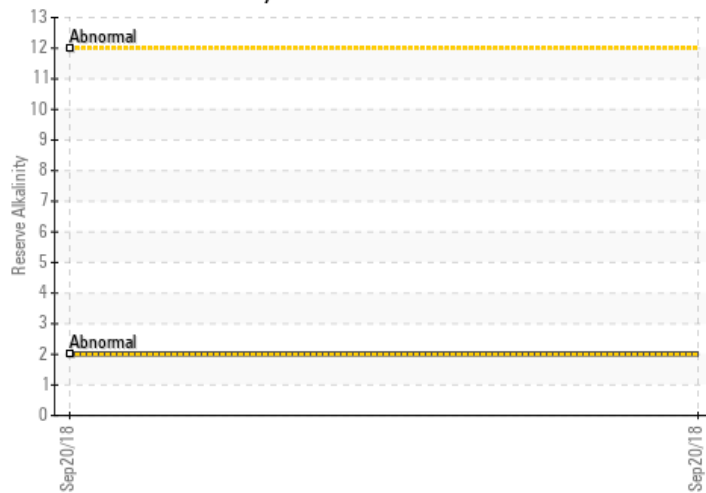


### Graphs

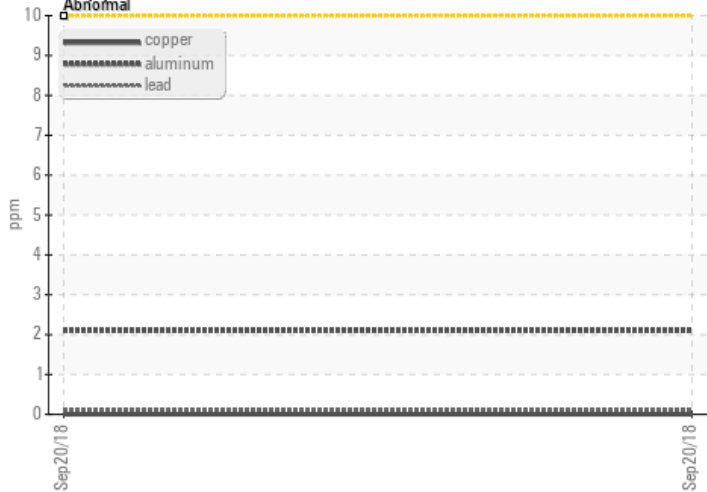
Iron/Tin/Silver



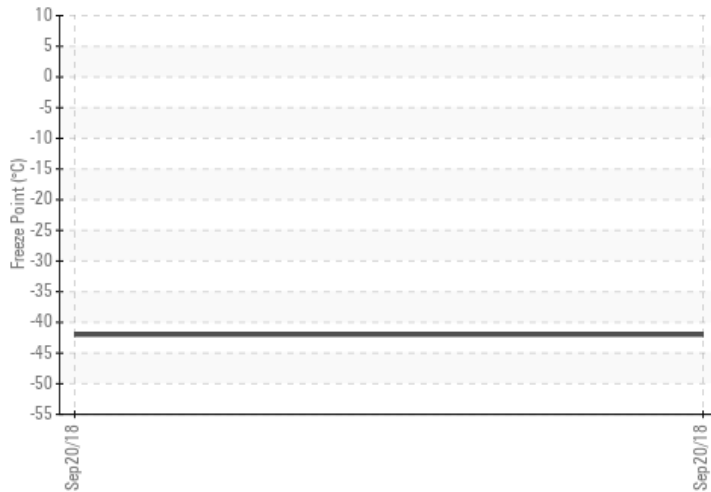
Reserve Alkalinity



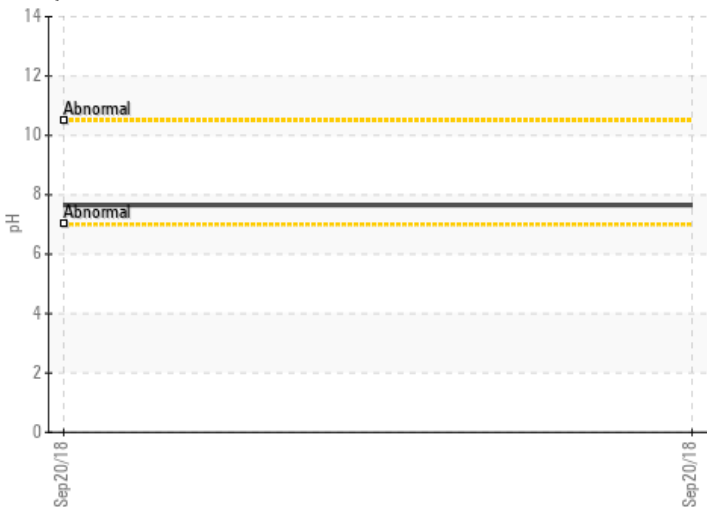
Copper/Aluminum/Lead



Freeze Point



pH



Nitrites

