

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR R918 021122 - Hydraulic System

Sample No: LH0265488

Oil Type: {unknown}

Location Deric

5145 rue Rideau

Quebec, QC

CA G2E 5H5

Contact: Pascal Langlois

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T:

F:

Diagnosis

Nous vous recommandons de vidanger l'huile de ce composant si vous ne l'avez pas déjà fait. Nous vous recommandons d'échantillonner de nouveau dès que possible afin de contrôler la situation. Veuillez préciser la marque, le type et la viscosité de l'huile lors de votre prochain échantillon. Le taux de fer est important. Le bas indice ferreux (PQ) indique que l'usure ferreuse est due à de la corrosion. La propreté du système est acceptable pour votre objectif de propreté ISO 4406. La propreté du système et du fluide est acceptable. l'huile n'est plus en état de service en raison d'une usure anormale et/ou sévère.



SAMPLE INFORMATION

Sample Number		LH0265488	---	---	---
Sample Date		21 Dec 2023	---	---	---
Machine Hours		3350	---	---	---
Oil Hours		0	---	---	---
Oil Changed		Not Chngd	---	---	---
Sample Status		SEVERE	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	● 45.5	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		● 3017	---	---	---
Particles >6µm		● 672	---	---	---
Particles >14µm		● 55	---	---	---
ISO 4406:1999 (c)		19/17/13	---	---	---
Silicon	ppm	● 4	---	---	---
Sodium	ppm	● 6	---	---	---
Potassium	ppm	● 2	---	---	---



WEAR METALS

PQ		● 3	---	---	---
Iron	ppm	● 189	---	---	---
Copper	ppm	● 4	---	---	---
Lead	ppm	● 1	---	---	---
Tin	ppm	● 1	---	---	---
Aluminum	ppm	● 2	---	---	---
Chromium	ppm	● 2	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	● 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	3	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

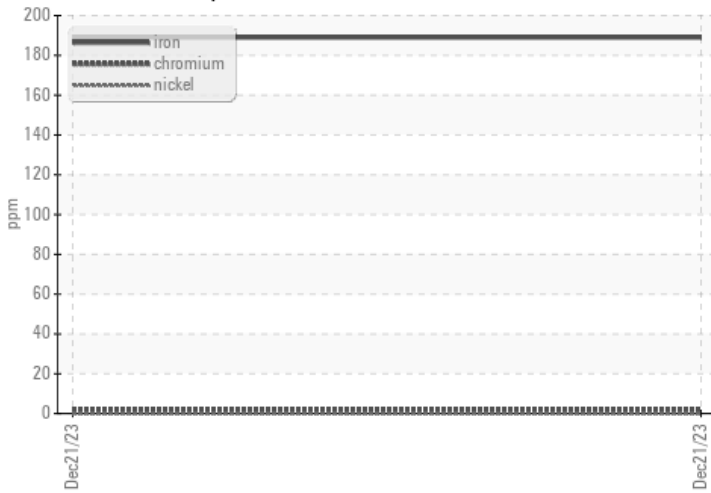
Calcium	ppm	21	---	---	---
Magnesium	ppm	1	---	---	---
Zinc	ppm	50	---	---	---
Phosphorus	ppm	199	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	3	---	---	---

Depot: LOC514QUE
 Unique No: 5709665
 Signed: Kevin Marson
 Report Date: 16 Jan 2024

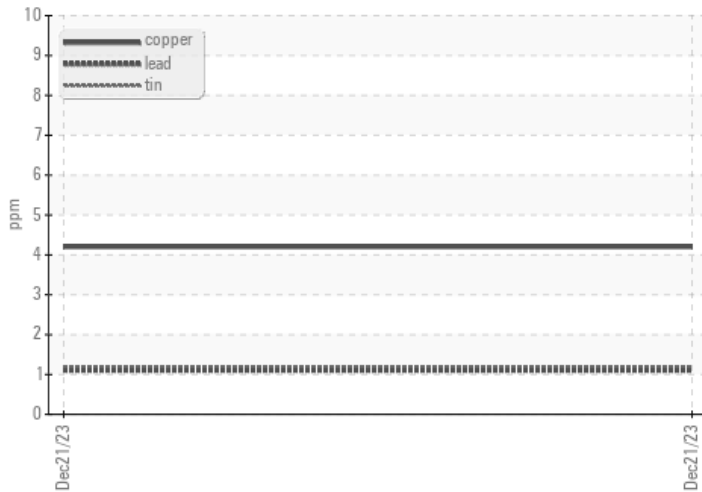


GRAPHS

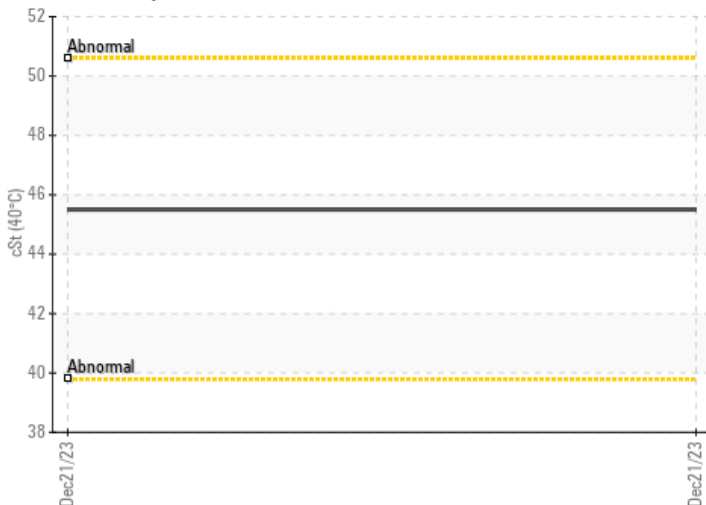
● Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Filter (Magn: 100 x)

