

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR A910 121983-1505 - Hydraulic System

Sample No: LH0261149

Oil Type: HVI



CONSTRUCTION CAMARA

711 ROUTE HARWOOD
VAUDREUIL-DORION, QC
CA J7V 8P2

Contact: Kevin Tuck

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T:

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SAMPLE INFORMATION

Sample Number	LH0261149	---	---	---
Sample Date	13 Jul 2023	---	---	---
Machine Hours	3110	---	---	---
Oil Hours	3110	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	ATTENTION	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	● 41.2	---	---	---
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CONTAMINATION

Particles >4µm		● 29409	---	---	---
Particles >6µm		● 7037	---	---	---
Particles >14µm		● 251	---	---	---
ISO 4406:1999 (c)		22/20/15	---	---	---
Silicon	ppm	● 4	---	---	---
Sodium	ppm	● 3	---	---	---
Potassium	ppm	● 1	---	---	---



WEAR METALS

Iron	ppm	● 11	---	---	---
Copper	ppm	● 5	---	---	---
Lead	ppm	● 1	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● 1	---	---	---
Chromium	ppm	● 4	---	---	---
Molybdenum	ppm	2	---	---	---
Nickel	ppm	● 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	1	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	951	---	---	---
Magnesium	ppm	36	---	---	---
Zinc	ppm	623	---	---	---
Phosphorus	ppm	577	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	13	---	---	---

Diagnosis

Nous recommandons le remplacement des filtres de ce composant. Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Les taux d'usure de tous les composants sont normaux. Il y a une légère quantité de limon (particules de 4 à 14 microns) dans l'huile. L'état de l'huile est acceptable pour la durée de service.

Depot: 674VAU

Unique No: 5607191

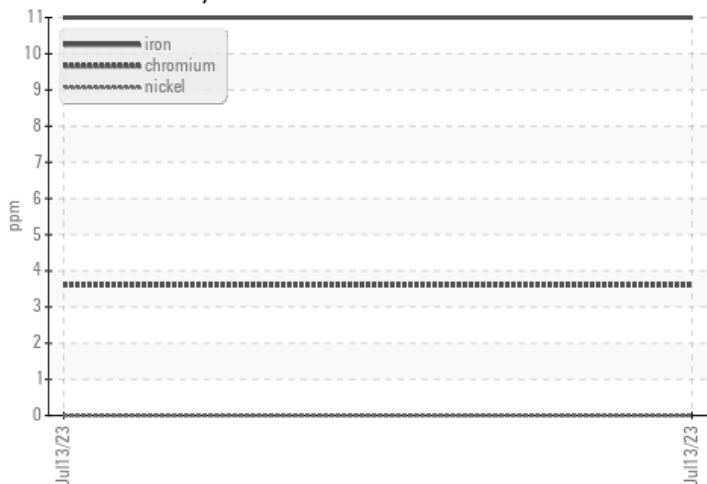
Signed: Wes Davis

Report Date: 14 Jul 2023

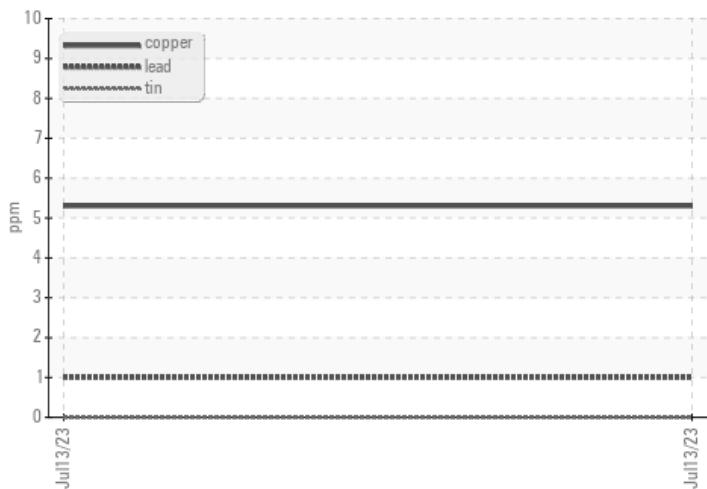


GRAPHS

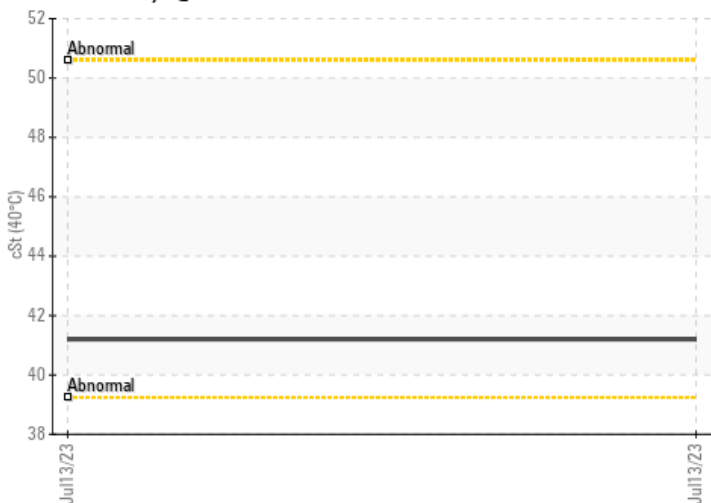
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

