



CONSTRUCTION EQUIPMENT

BLC 378633 VOLVO L110H 632286 - HYDRAULIC SYSTEM



Sample No: VCP381830
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: 378633



SAMPLE INFORMATION

Sample Number	VCP381830	---	---	---
Sample Date	19 Sep 2023	---	---	---
Machine Hours	2023	---	---	---
Oil Hours	2000	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ATTENTION	---	---	---

STRONGCO EQUIPMENT INC (STE- FOY)

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 lMauger@strongco.com
 T:
 F: (418)870-1701



OIL CONDITION

Visc @ 40°C	cSt	■ 42.4	---	---	---
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CONTAMINATION

Particles >4µm		■ 13678	---	---	---
Particles >6µm		▲ 2609	---	---	---
Particles >14µm		■ 57	---	---	---
ISO 4406:1999 (c)		21/19/13	---	---	---
Silicon	ppm	■ 3	---	---	---
Sodium	ppm	■ 3	---	---	---
Potassium	ppm	■ <1	---	---	---

Diagnosis

Nous avons pris note que le filtre a été remplacé au moment de l'échantillonnage. 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.



WEAR METALS

Iron	ppm	■ 7	---	---	---
Copper	ppm	■ 2	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ <1	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 0	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	■ 0	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	■ 68	---	---	---
Magnesium	ppm	■ 10	---	---	---
Zinc	ppm	■ 425	---	---	---
Phosphorus	ppm	■ 332	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 1	---	---	---

Depot: VOLVO0228
Unique No: 5646034
Signed: Wes Davis
Report Date: 26 Sep 2023

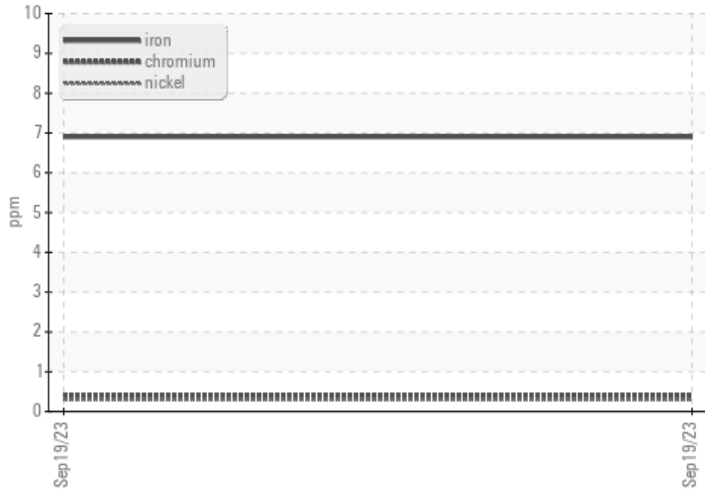


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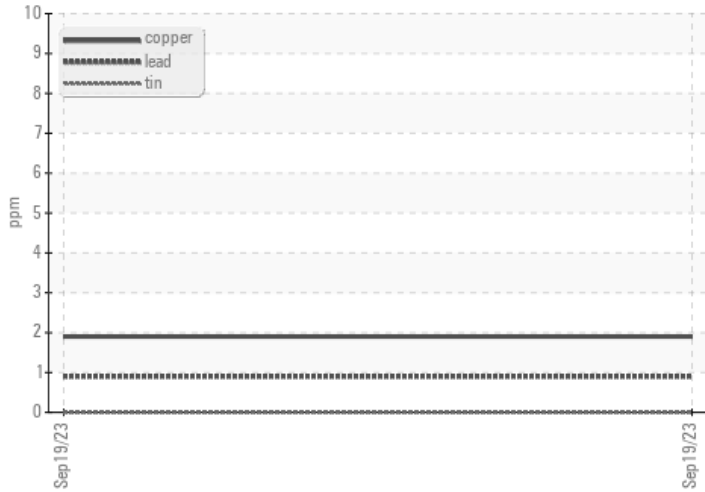


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

