



CONSTRUCTION EQUIPMENT

377990 VOLVO L120F 66710 (S/N 45356) - HYDRAULIC SYSTEM



Sample No: VCP381829

Oil Type: NOT GIVEN

Job No: 377990



SAMPLE INFORMATION

Sample Number	VCP381829	---	---	---
Sample Date	12 Sep 2023	---	---	---
Machine Hours	60257	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---



STRONGCO EQUIPMENT INC (STE- FOY)

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 F: (418)870-1701



OIL CONDITION

Visc @ 40°C	cSt	█ 44.9	---	---	---
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CONTAMINATION

Particles >4µm		17123	---	---	---
Particles >6µm		▲ 4035	---	---	---
Particles >14µm		▲ 229	---	---	---
ISO 4406:1999 (c)		21/19/15	---	---	---
Silicon	ppm	█ 4	---	---	---
Sodium	ppm	█ 4	---	---	---
Potassium	ppm	█ <1	---	---	---

Diagnosis

Nous vous recommandons de remplacer le filtre et d'utiliser un système de filtrage hors-ligne afin d'améliorer la propreté du fluide. 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. Les taux d'usure de tous les composants sont normaux. Il y a une quantité modérée de matières particulaires (2 à 100 µm de taille) présente dans l'huile. L'huile peut encore servir si la contamination peut être réduite à un niveau acceptable.



WEAR METALS

Iron	ppm	█ 5	---	---	---
Copper	ppm	█ 4	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ 1	---	---	---
Molybdenum	ppm	13	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	421	---	---	---
Magnesium	ppm	201	---	---	---
Zinc	ppm	514	---	---	---
Phosphorus	ppm	485	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	15	---	---	---

Depot: VOLVO0228
Unique No: 5643598
Signed: Wes Davis
Report Date: 15 Sep 2023

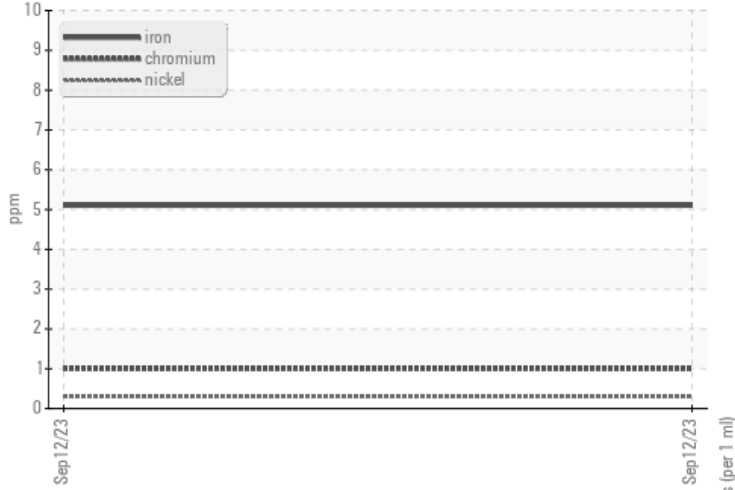


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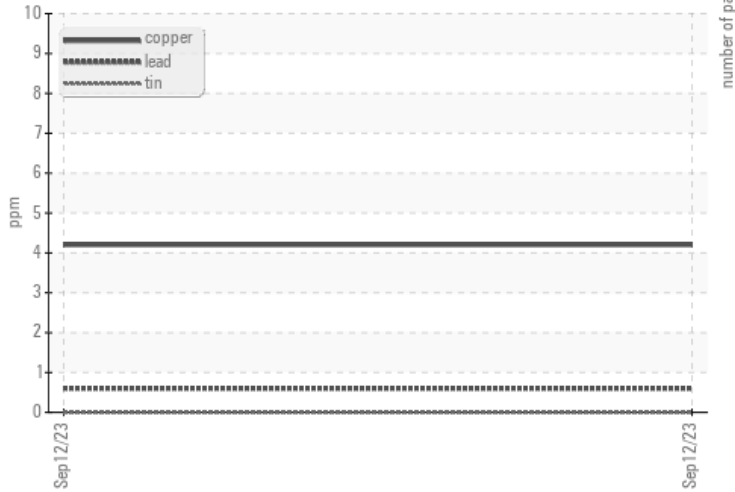


GRAPHS

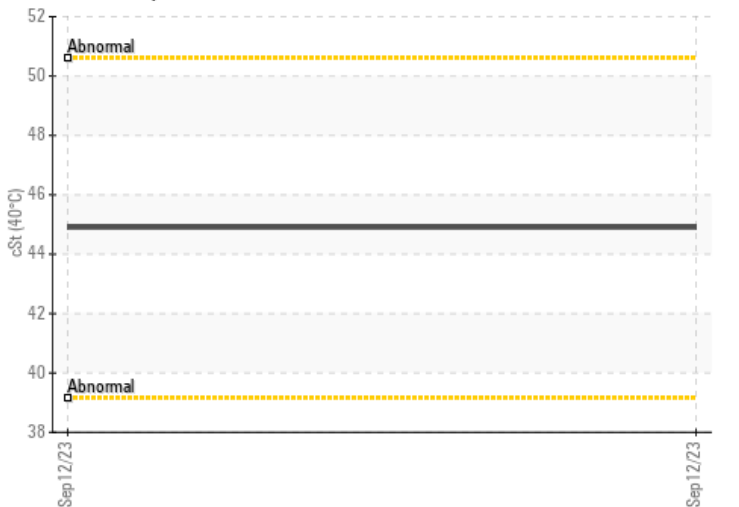
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



▲ Particle Count

