



CONSTRUCTION EQUIPMENT

301600 VOLVO EC460CL 110438 - HYDRAULIC SYSTEM



Sample No: VCP297768

Oil Type: NOT GIVEN

Job No: 301600



SAMPLE INFORMATION

Sample Number	VCP297768	VCP163997	---	---
Sample Date	15 Oct 2021	14 Jul 2014	---	---
Machine Hours	10590	5400	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	N/A	---	---
Sample Status	NORMAL	SEVERE	---	---



STRONGCO EQUIPMENT INC (STE- FOY)

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 F: (418)870-1701



OIL CONDITION

Visc @ 40°C	cSt	44.3	40.4	---	---
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CONTAMINATION

Particles >4µm		1290	97421	---	---
Particles >6µm		42	6486	---	---
Particles >14µm		6	28	---	---
ISO 4406:1999 (c)		17/13/10	24/20/12	---	---
Silicon	ppm	2	3	---	---
Sodium	ppm	<1	3	---	---
Potassium	ppm	<1	<1	---	---



WEAR METALS

PQ		---	13	---	---
Iron	ppm	14	172	---	---
Copper	ppm	2	128	---	---
Lead	ppm	<1	8	---	---
Tin	ppm	2	<1	---	---
Aluminum	ppm	2	2	---	---
Chromium	ppm	2	6	---	---
Molybdenum	ppm	0	2	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	<1	<1	---	---
Manganese	ppm	<1	2	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	5	311	---	---
Magnesium	ppm	<1	2	---	---
Zinc	ppm	45	573	---	---
Phosphorus	ppm	574	369	---	---
Barium	ppm	0	0	---	---
Boron	ppm	2	6	---	---

Diagnosis

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. 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. La propreté du système est acceptable pour votre objectif de propreté ISO 4406. La propreté du système et du fluide est acceptable. L'état de l'huile est acceptable pour la durée de service.

Depot: VOLVO0228
Unique No: 5302493
Signed: Wes Davis
Report Date: 19 Oct 2021

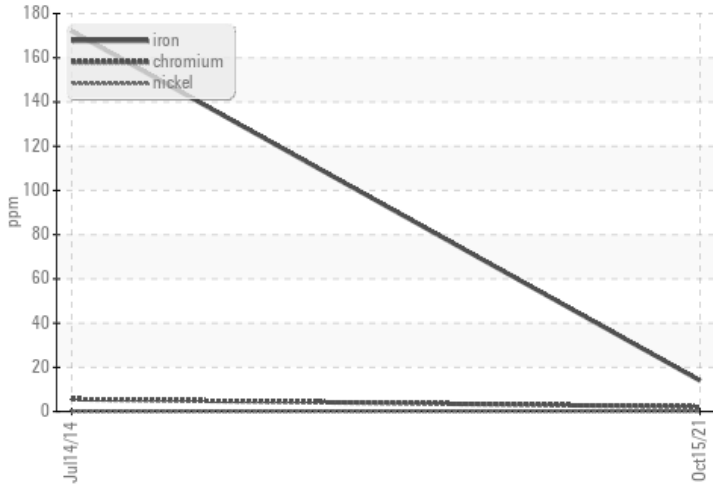


CONSTRUCTION EQUIPMENT

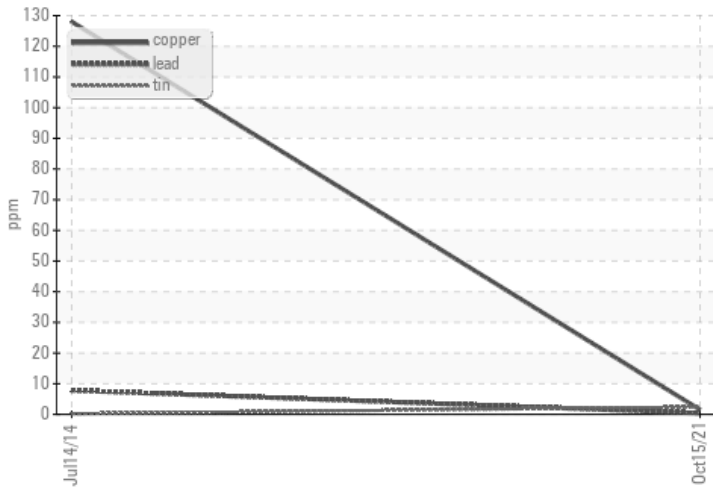


GRAPHS

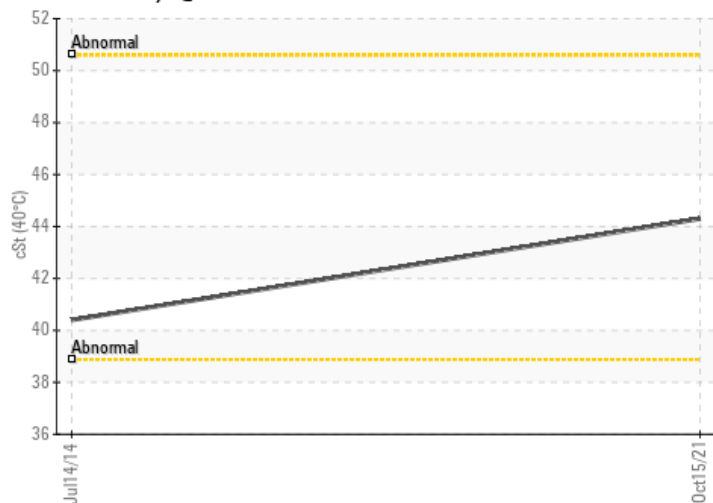
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

