



CONSTRUCTION EQUIPMENT

VOLVO L180H 3068 - HYDRAULIC SYSTEM



Sample No: VCP242548

Oil Type: NOT GIVEN

Job No:



SAMPLE INFORMATION

Sample Number	VCP242548	---	---	---
Sample Date	23 Apr 2020	---	---	---
Machine Hours	3751	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---



STRONGCO EQUIPMENT

5200 BOUL ST JOSEPH
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CA G8Z 4L8
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OIL CONDITION

Visc @ 40°C	cSt	█ 41.6	---	---	---
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CONTAMINATION

Particles >4µm		█ 31681	---	---	---
Particles >6µm		▲ 5451	---	---	---
Particles >14µm		▲ 445	---	---	---
ISO 4406:1999 (c)		█ 22/20/16	---	---	---
Silicon	ppm	█ 3	---	---	---
Sodium	ppm	█ <1	---	---	---
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 particules (de 4 à 38 microns) dans l'huile. L'état de l'huile est acceptable pour la durée de service. l'huile peut encore servir si la contamination peut être réduite à un niveau acceptable.



WEAR METALS

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



ADDITIVES

Calcium	ppm	█ 1705	---	---	---
Magnesium	ppm	█ 11	---	---	---
Zinc	ppm	█ 857	---	---	---
Phosphorus	ppm	█ 701	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	█ 2	---	---	---

Depot: STR520TRO
Unique No: 5042755
Signed: Wes Davis
Report Date: 30 Apr 2020

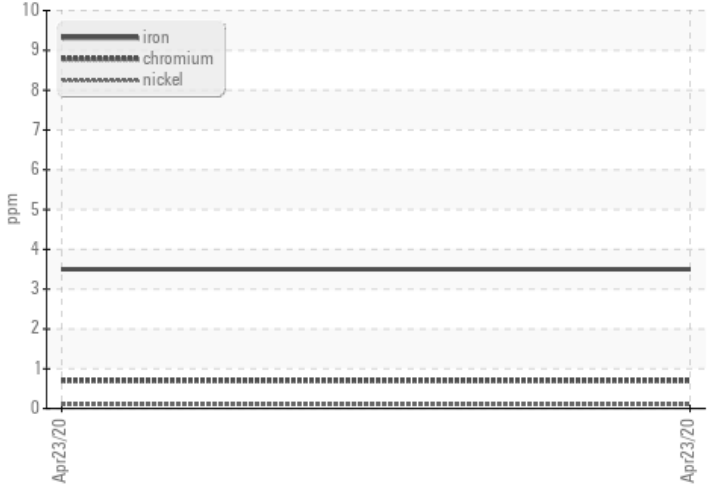


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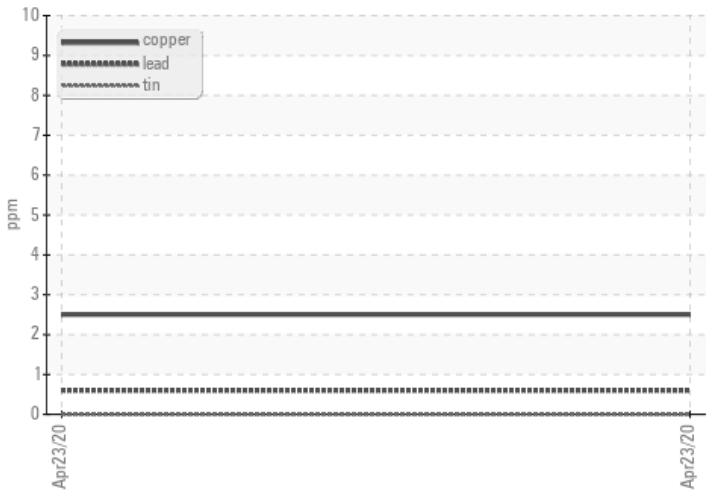


GRAPHS

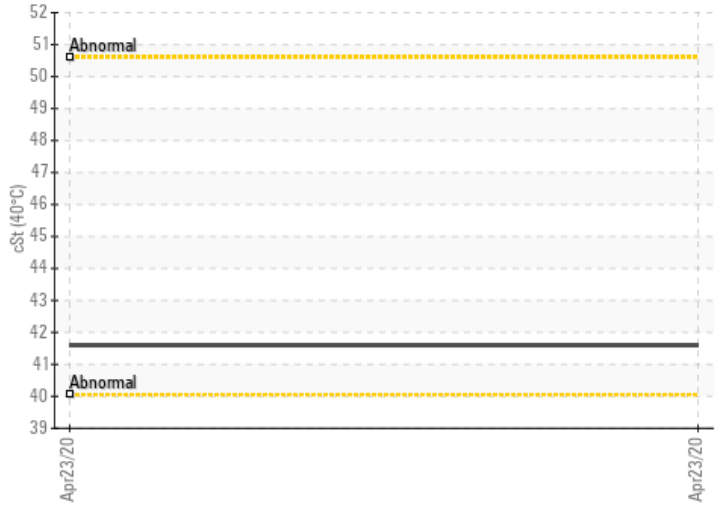
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



▲ Particle Count

