



CONSTRUCTION EQUIPMENT

234823 VOLVO L180R 6636 - HYDRAULIC SYSTEM



Sample No: VCP252139

Oil Type: NOT GIVEN

Job No: 234823



SAMPLE INFORMATION

Sample Number	VCP252139	---	---	---
Sample Date	02 Mar 2020	---	---	---
Machine Hours	21600	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	SEVERE	---	---	---



STRONGCO EQUIPMENT

5200 BOUL ST JOSEPH
TROIS RIVIERE, QC
CA G8Z 4L8
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OIL CONDITION

Visc @ 40°C	cSt	■ 35.3	---	---	---
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CONTAMINATION

Particles >4µm		◆ 41129	---	---	---
Particles >6µm		▲ 2033	---	---	---
Particles >14µm		■ 33	---	---	---
ISO 4406:1999 (c)		23/18/12	---	---	---
Silicon	ppm	■ 2	---	---	---
Sodium	ppm	■ 0	---	---	---
Potassium	ppm	■ <1	---	---	---

Diagnosis

Vérifier les scelles et/ou les filters pour des points d'entrée des contaminants. The air breather requires service. If unrated, we recommend that you replace with a suitable micron rated and/or desiccant air breather. If rated, we recommend that you service/replace the breather. Nous recommandons le remplacement des filtres de ce composant. Échantillonner de nouveau dans 30 à 45 jours 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 grande quantité de limon (particules de 4 à 14 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	■ <1	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ <1	---	---	---
Chromium	ppm	■ 1	---	---	---
Molybdenum	ppm	2	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	651	---	---	---
Magnesium	ppm	17	---	---	---
Zinc	ppm	543	---	---	---
Phosphorus	ppm	489	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	21	---	---	---

Depot: STR520TRO
Unique No: 5017145
Signed: Bill Quesnel
Report Date: 06 Mar 2020

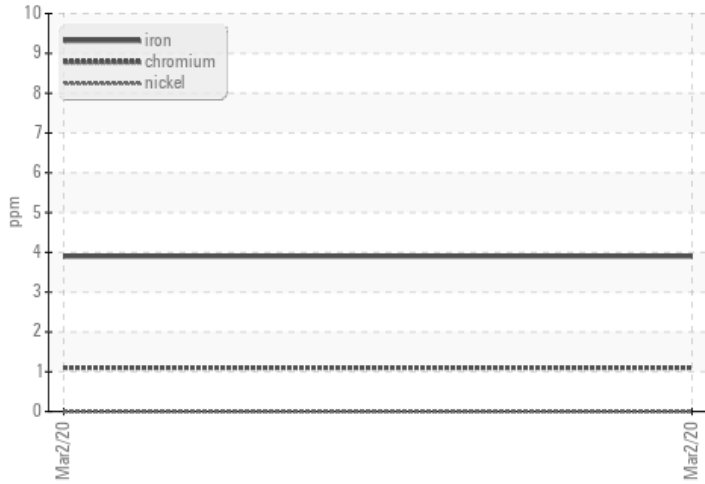


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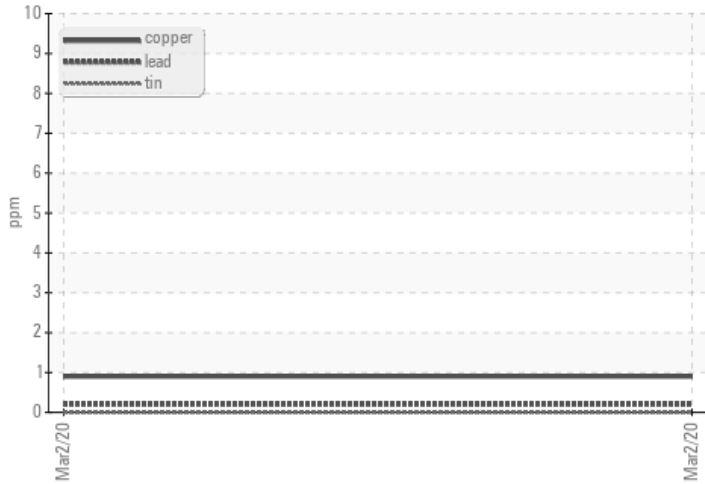


VOLVO GRAPHS

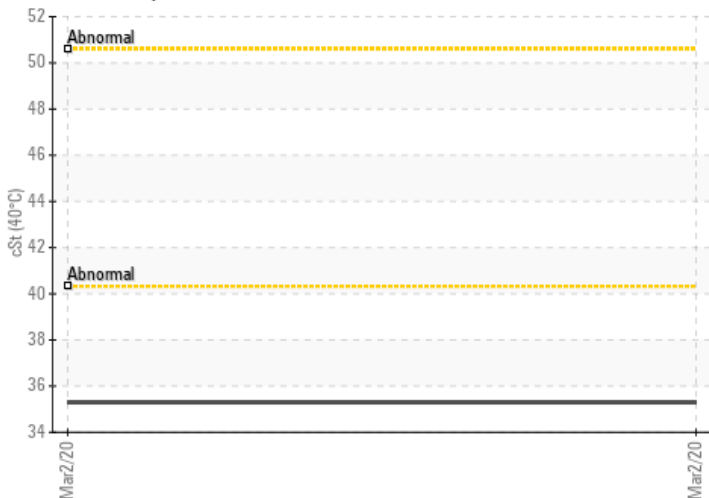
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

