



CONSTRUCTION EQUIPMENT

191478 VOLVO 10349 - HYDRAULIC SYSTEM



Sample No: VCPMOB 1
Oil Type: IRVING HYD 46
Job No: 191478



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SAMPLE INFORMATION

Sample Number	VCPMOB 1	---	---	---
Sample Date	12 Mar 2019	---	---	---
Machine Hours	14342	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ATTENTION	---	---	---

OIL CONDITION

Visc @ 40°C	cSt	■ 44.0	---	---	---
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CONTAMINATION

Particles >4µm		▲ 73545	---	---	---
Particles >6µm		■ 2689	---	---	---
Particles >14µm		■ 33	---	---	---
ISO 4406:1999 (c)		23/19/12	---	---	---
Silicon	ppm	■ 2	---	---	---
Sodium	ppm	■ 0	---	---	---
Potassium	ppm	■ <1	---	---	---

WEAR METALS

Iron	ppm	■ 15	---	---	---
Copper	ppm	■ 2	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	■ <1	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	184	---	---	---
Magnesium	ppm	2	---	---	---
Zinc	ppm	468	---	---	---
Phosphorus	ppm	368	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	0	---	---	---

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.

Depot: VOLVO0228
Unique No: 4836387
Signed: Wes Davis
Report Date: 15 Mar 2019

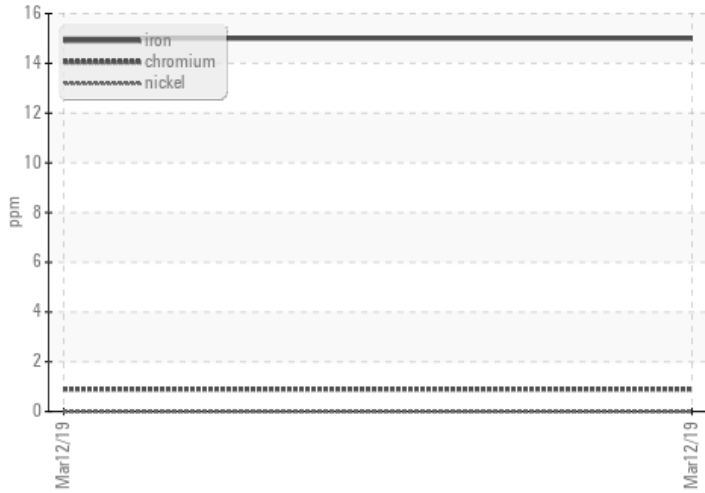


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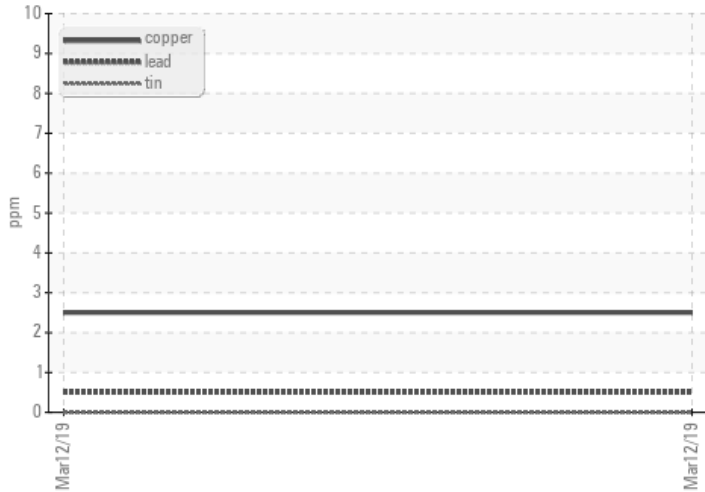


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

