



CONSTRUCTION EQUIPMENT

242653 VOLVO EC140DL 2 10989 - HYDRAULIC SYSTEM



Sample No: VCP242554
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: 242653



SAMPLE INFORMATION

Sample Number	VCP242554	---	---	---
Sample Date	11 May 2020	---	---	---
Machine Hours	568	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ATTENTION	---	---	---

STRONGCO EQUIPMENT

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

Visc @ 40°C	cSt	■ 44.7	---	---	---
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CONTAMINATION

Particles >4µm		▲ 49345	---	---	---
Particles >6µm		■ 5779	---	---	---
Particles >14µm		■ 247	---	---	---
ISO 4406:1999 (c)		23/20/15	---	---	---
Silicon	ppm	■ 4	---	---	---
Sodium	ppm	■ <1	---	---	---
Potassium	ppm	■ <1	---	---	---

Diagnosis

Nous recommandons le remplacement des filtres de ce composant. 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.

WEAR METALS

Iron	ppm	■ 4	---	---	---
Copper	ppm	■ 28	---	---	---
Lead	ppm	■ 1	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	■ <1	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 0	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ <1	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	■ 109	---	---	---
Magnesium	ppm	■ 1	---	---	---
Zinc	ppm	■ 644	---	---	---
Phosphorus	ppm	■ 493	---	---	---
Barium	ppm	■ <1	---	---	---
Boron	ppm	■ <1	---	---	---

Depot: STR520TRO
Unique No: 5045216
Signed: Wes Davis
Report Date: 13 May 2020

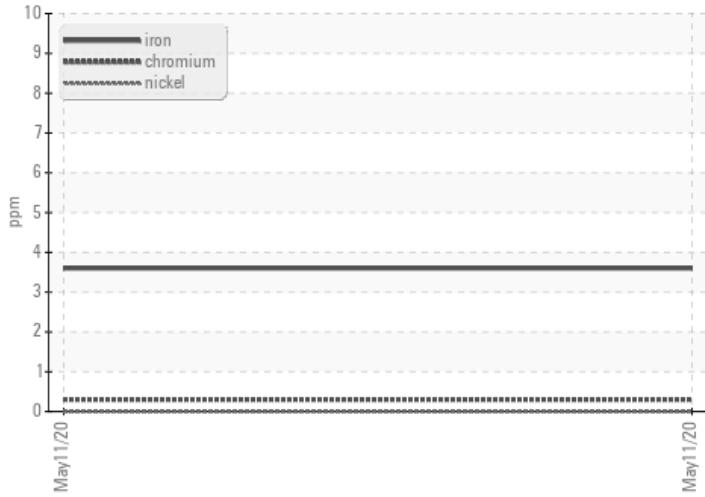


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VOLVO GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

