



CONSTRUCTION EQUIPMENT

384291 VOLVO ECR355EL 314717 - HYDRAULIC SYSTEM



Sample No: VCP380330
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: 384291



SAMPLE INFORMATION

Sample Number	VCP380330	---	---	---
Sample Date	19 Dec 2023	---	---	---
Machine Hours	980	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ATTENTION	---	---	---

STRONGCO EQUIPMENT INC (STE- FOY)

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OIL CONDITION

Visc @ 40°C	cSt	█ 41.1	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		▲ 59527	---	---	---
Particles >6µm		█ 8597	---	---	---
Particles >14µm		█ 346	---	---	---
ISO 4406:1999 (c)		23/20/16	---	---	---
Silicon	ppm	█ 6	---	---	---
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	█ 2	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 0	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 94	---	---	---
Magnesium	ppm	█ <1	---	---	---
Zinc	ppm	█ 541	---	---	---
Phosphorus	ppm	█ 433	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 0	---	---	---

Depot: VOLVO0228
Unique No: 5698035
Signed: Wes Davis
Report Date: 27 Dec 2023

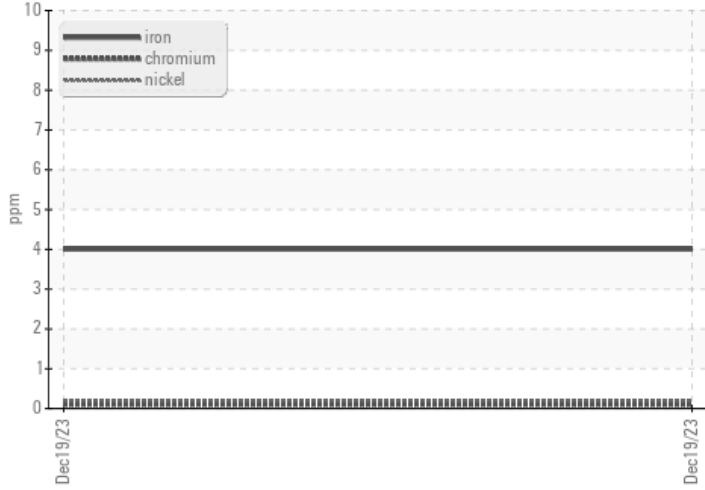


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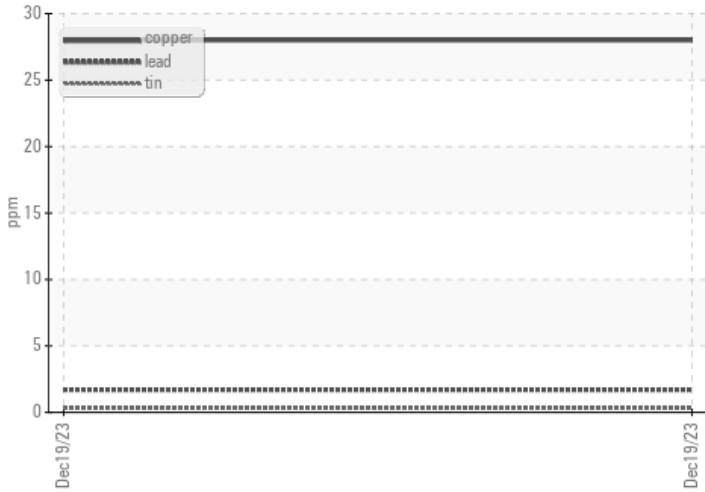


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

