



CONSTRUCTION EQUIPMENT

VOLVO A30F 82206 - HYDRAULIC SYSTEM



Sample No: VCP352001
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No:



SAMPLE INFORMATION

Sample Number	VCP352001	---	---	---
Sample Date	27 Feb 2023	---	---	---
Machine Hours	8004	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ATTENTION	---	---	---

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 1575 RUE BERSIMIS
 CHICOUTIMI, QC
 CA G7K 1G9
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 mtremblay@strongco.com
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OIL CONDITION

Visc @ 40°C	cSt	█ 44.3	---	---	---
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CONTAMINATION

Particles >4µm		█ 71554	---	---	---
Particles >6µm		▲ 8163	---	---	---
Particles >14µm		█ 131	---	---	---
ISO 4406:1999 (c)		█ 23/20/14	---	---	---
Silicon	ppm	█ 6	---	---	---
Sodium	ppm	█ 2	---	---	---
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	█ 20	---	---	---
Copper	ppm	█ 4	---	---	---
Lead	ppm	█ 6	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 206	---	---	---
Magnesium	ppm	█ 5	---	---	---
Zinc	ppm	█ 467	---	---	---
Phosphorus	ppm	█ 414	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 7	---	---	---

Depot: VOLVO0230
Unique No: 5541340
Signed: Wes Davis
Report Date: 13 Mar 2023

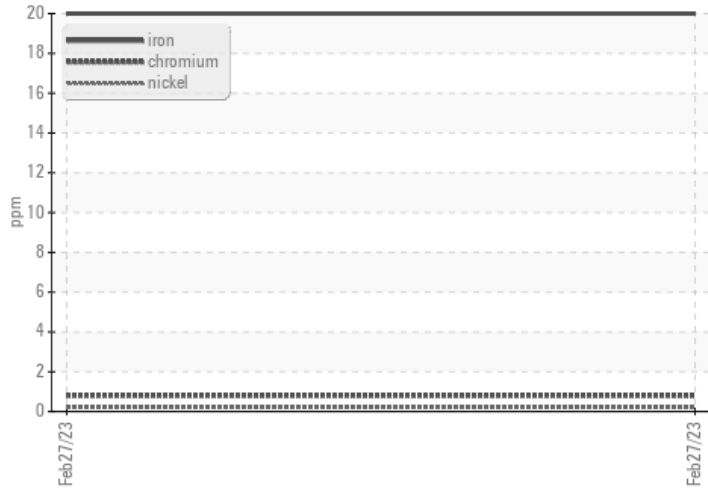


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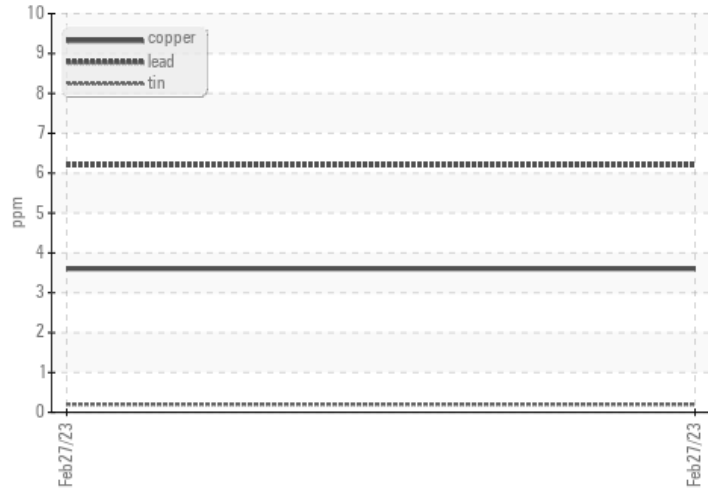


GRAPHS

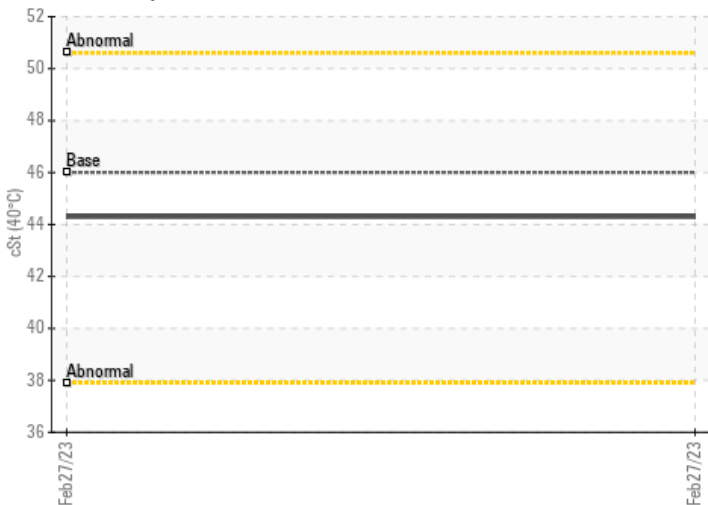
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

