



CONSTRUCTION EQUIPMENT

275177 VOLVO EC140DL 210424 - HYDRAULIC SYSTEM



Sample No: VCP274150
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: 275177



SAMPLE INFORMATION

Sample Number	VCP274150	VCP191222	---	---
Sample Date	22 Feb 2021	12 Jan 2018	---	---
Machine Hours	4057	2036	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

STRONGCO EQUIPMENT

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

Visc @ 40°C	cSt	43.4	46.4	---	---
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CONTAMINATION

Particles >4µm		3841	3931	---	---
Particles >6µm		245	1005	---	---
Particles >14µm		16	56	---	---
ISO 4406:1999 (c)		19/15/11	19/17/13	---	---
Silicon	ppm	4	2	---	---
Sodium	ppm	1	1	---	---
Potassium	ppm	<1	<1	---	---

Diagnosis

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. La propreté du système est acceptable pour votre objectif de propreté ISO 4406. La propreté du système et du fluide est acceptable. L'état de l'huile est acceptable pour la durée de service.



WEAR METALS

Iron	ppm	11	5	---	---
Copper	ppm	22	39	---	---
Lead	ppm	1	2	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	1	<1	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	<1	0	---	---
Nickel	ppm	0	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	<1	<1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	131	124	---	---
Magnesium	ppm	2	1	---	---
Zinc	ppm	504	697	---	---
Phosphorus	ppm	387	529	---	---
Barium	ppm	<1	<1	---	---
Boron	ppm	2	<1	---	---

Depot: STR520TRO
Unique No: 5185447
Signed: Wes Davis
Report Date: 26 Feb 2021

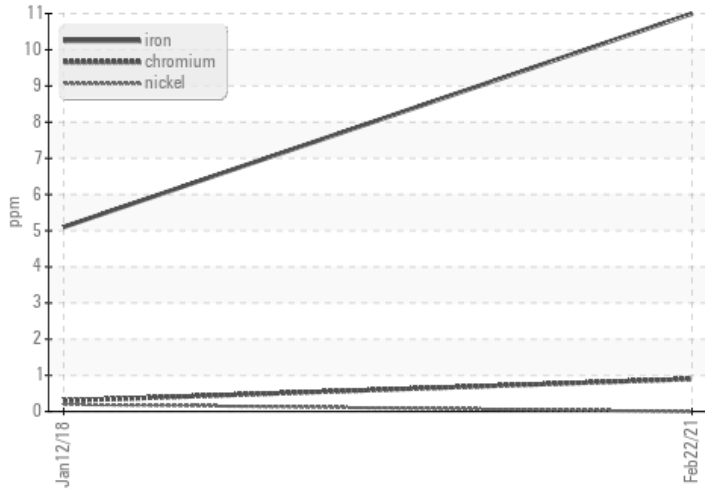


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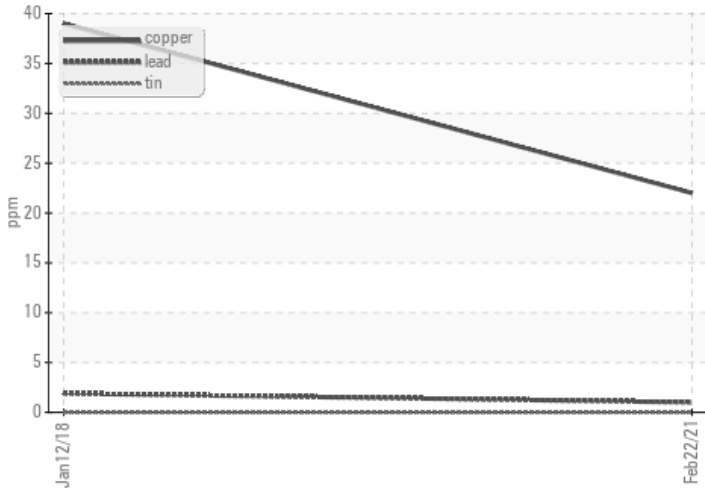


GRAPHS

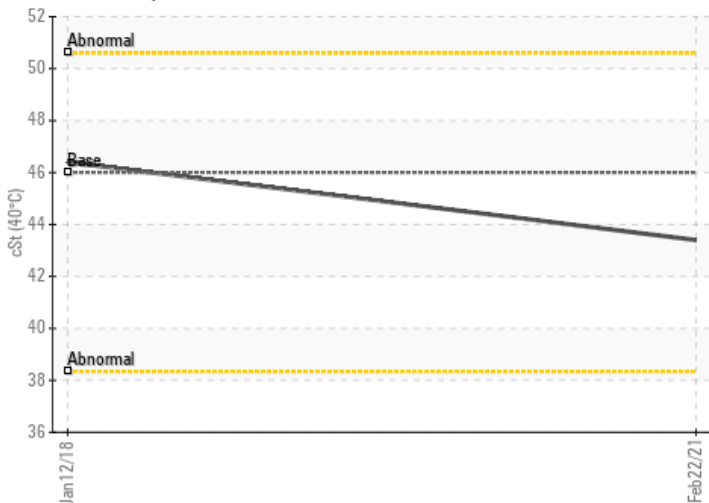
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

