



CONSTRUCTION EQUIPMENT

356142 VOLVO ECR235D 2 10061 - HYDRAULIC SYSTEM



Sample No: VCP347320
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: 356142



SAMPLE INFORMATION

Sample Number	VCP347320	VCP204401	---	---
Sample Date	01 Mar 2023	05 Dec 2017	---	---
Machine Hours	8658	5064	---	---
Oil Hours	0	5064	---	---
Oil Changed	Not Chngd	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	40.1	42.4	---	---
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CONTAMINATION

Particles >4µm		30754	20853	---	---
Particles >6µm		3423	84	---	---
Particles >14µm		213	4	---	---
ISO 4406:1999 (c)		22/19/15	22/14/9	---	---
Silicon	ppm	6	5	---	---
Sodium	ppm	1	2	---	---
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	23	16	---	---
Copper	ppm	8	18	---	---
Lead	ppm	<1	1	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	2	1	---	---
Chromium	ppm	7	<1	---	---
Molybdenum	ppm	<1	0	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	0	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	152	579	---	---
Magnesium	ppm	8	3	---	---
Zinc	ppm	351	508	---	---
Phosphorus	ppm	321	411	---	---
Barium	ppm	0	<1	---	---
Boron	ppm	<1	<1	---	---

Depot: STR520TRO
Unique No: 5540816
Signed: Wes Davis
Report Date: 09 Mar 2023

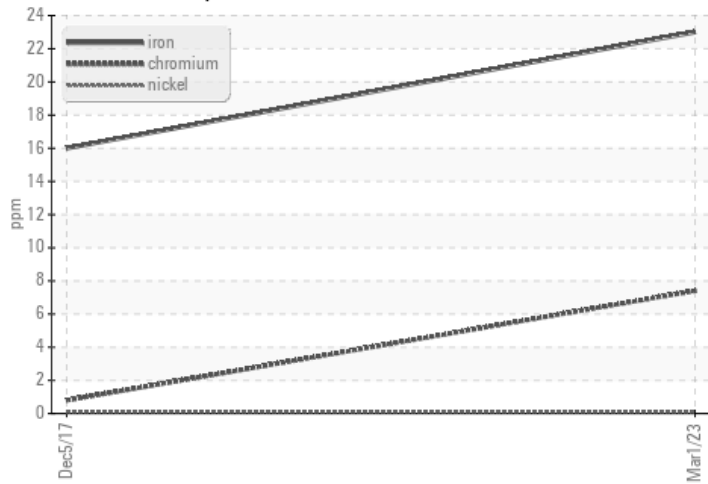


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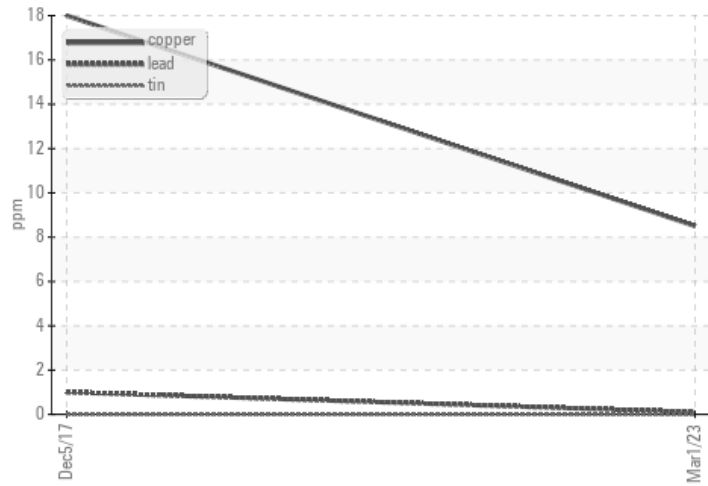


GRAPHS

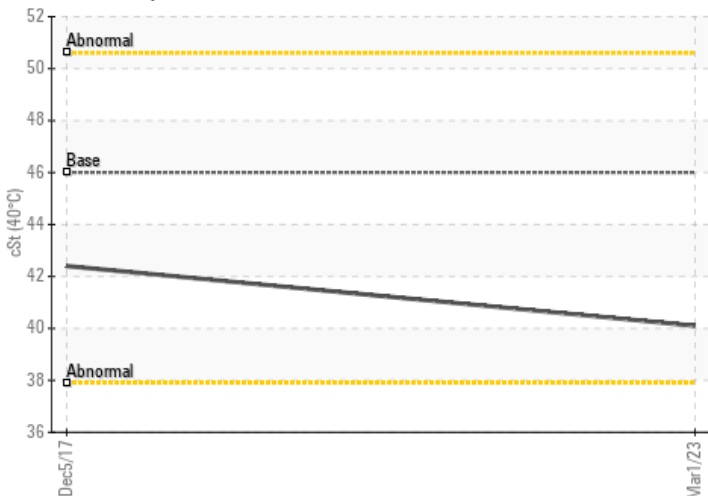
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

