



CONSTRUCTION EQUIPMENT

RG ST VOLVO EC210C 111557 - HYDRAULIC SYSTEM



Sample No: VCP191428
Oil Type: AW HYDRAULIC OIL ISO 46
Job No: RG ST



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SAMPLE INFORMATION

Sample Number	VCP191428	VCP132336	---	---
Sample Date	25 Oct 2018	19 Jan 2012	---	---
Machine Hours	0	347	---	---
Oil Hours	0	0	---	---
Oil Changed	N/A	N/A	---	---
Sample Status	NORMAL	NORMAL	---	---

OIL CONDITION

Visc @ 40°C	cSt	40.1	45.7	---	---
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CONTAMINATION

Water	%	---	0.016	---	---
Particles >4µm		77273	8832	---	---
Particles >6µm		7618	1292	---	---
Particles >14µm		159	38	---	---
ISO 4406:1999 (c)		23/20/14	20/17/12	---	---
Silicon	ppm	4	1	---	---
Sodium	ppm	2	0	---	---
Potassium	ppm	2	0	---	---

WEAR METALS

Iron	ppm	10	1	---	---
Copper	ppm	31	9	---	---
Lead	ppm	2	<1	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	<1	0	---	---
Chromium	ppm	2	<1	---	---
Molybdenum	ppm	<1	0	---	---
Nickel	ppm	<1	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	0	---	---
Vanadium	ppm	0	0	---	---

ADDITIVES

Calcium	ppm	84	98	---	---
Magnesium	ppm	1	<1	---	---
Zinc	ppm	407	509	---	---
Phosphorus	ppm	365	390	---	---
Barium	ppm	0	0	---	---
Boron	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.

Depot: VOLVO4593
Unique No: 4771816
Signed: Wes Davis
Report Date: 01 Nov 2018

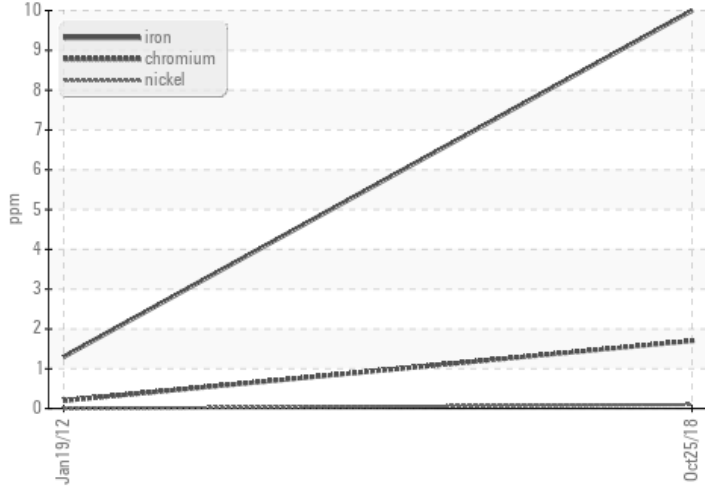


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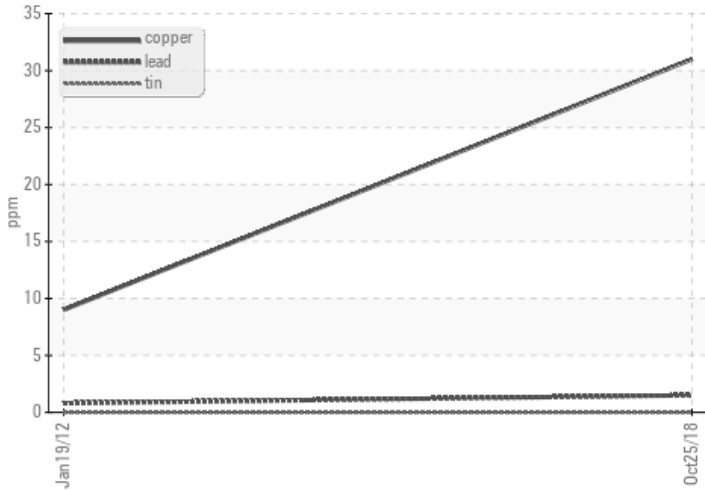


GRAPHS

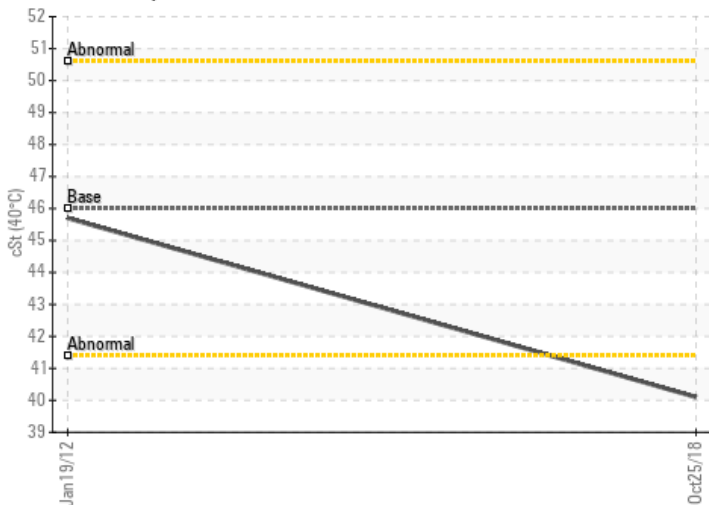
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

