



CONSTRUCTION EQUIPMENT

580494-01 VOLVO EC210C 111557 - DIESEL ENGINE



Sample No: VCP132332

Oil Type: {unknown}

Job No: 580494-01



SAMPLE INFORMATION

Sample Number	VCP132332	---	---	---
Sample Date	19 Jan 2012	---	---	---
Machine Hours	347	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 100°C	cSt	█ 12.9	---	---	---
Oxidation (PA)	%	█ 46	---	---	---



CONTAMINATION

Soot %	%	█ 0.2	---	---	---
Nitration (PA)	%	█ 55	---	---	---
Sulfation (PA)	%	█ 63	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	< 1.0	---	---	---
Silicon	ppm	█ 32	---	---	---
Sodium	ppm	█ 5	---	---	---
Potassium	ppm	█ 1	---	---	---



WEAR METALS

Iron	ppm	█ 43	---	---	---
Copper	ppm	█ 8	---	---	---
Lead	ppm	█ 3	---	---	---
Tin	ppm	█ 1	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 1	---	---	---
Molybdenum	ppm	█ 4	---	---	---
Nickel	ppm	█ 4	---	---	---
Titanium	ppm	< 1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 3	---	---	---
Vanadium	ppm	█ 0	---	---	---



ADDITIVES

Calcium	ppm	█ 2916	---	---	---
Magnesium	ppm	█ 73	---	---	---
Zinc	ppm	█ 1204	---	---	---
Phosphorus	ppm	█ 982	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 5	---	---	---



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Diagnosis

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Veuillez préciser la marque, le type et la viscosité de l'huile lors de votre prochain échantillon. Les taux de métaux sont typiques pour la période de rodage d'un nouveau composant. Il n'y a aucun indice de contamination dans le composant. L'état de l'huile est acceptable pour la durée de service.

Depot: VOLVO4593

Unique No: 3451718

Signed: Wes Davis

Report Date: 24 Jan 2012

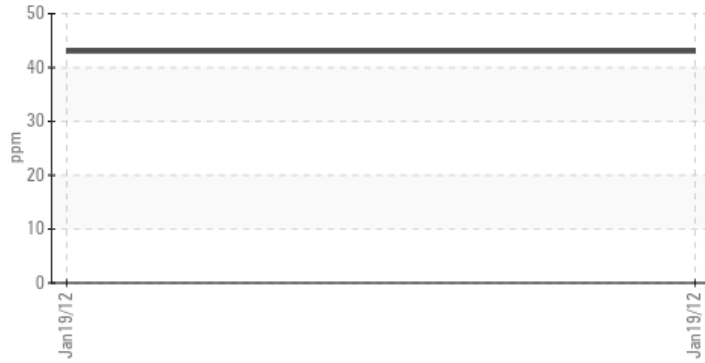


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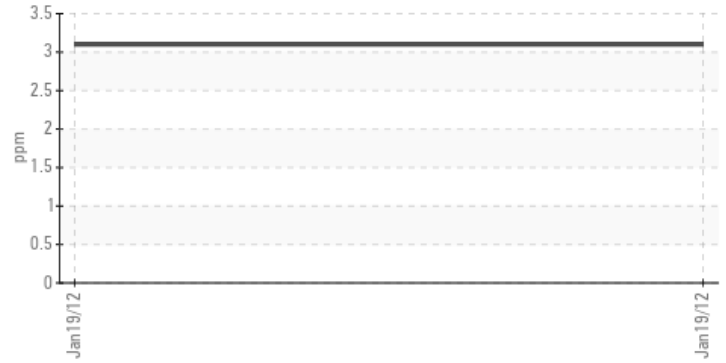


GRAPHS

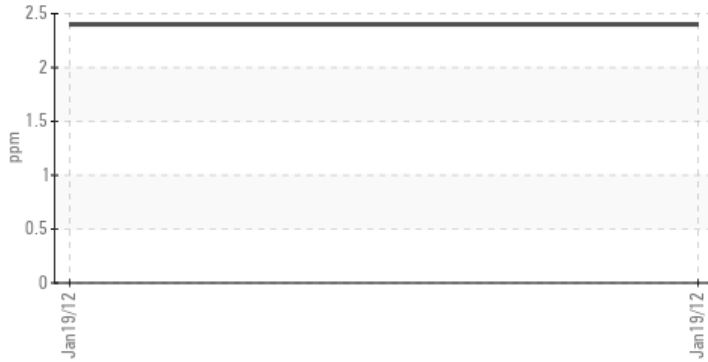
Iron (ppm)



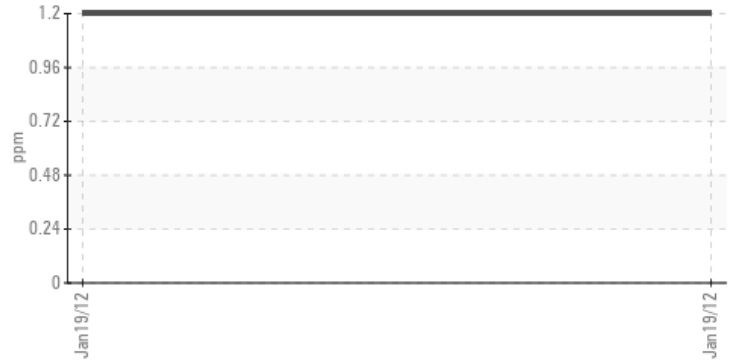
Lead (ppm)



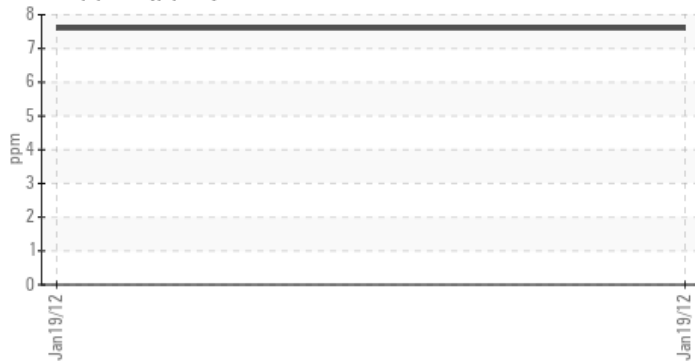
Aluminum (ppm)



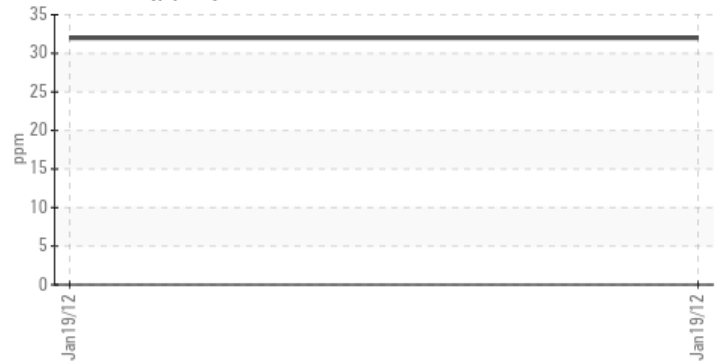
Chromium (ppm)



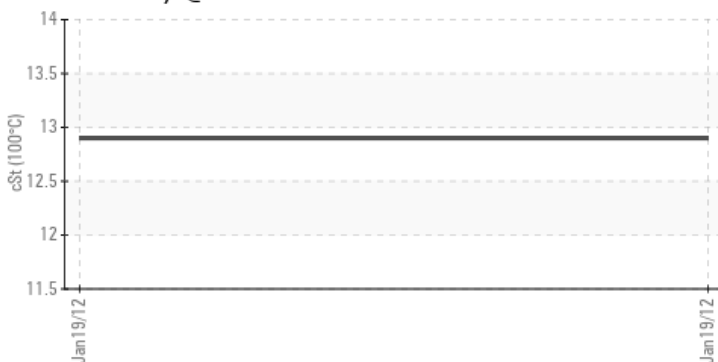
Copper (ppm)



Silicon (ppm)



Viscosity @ 100°C



Soot %

