



CONSTRUCTION EQUIPMENT

VOLVO EC460C 110503 - REAR LEFT FINAL DRIVE



Sample No: VCP115235

Oil Type: {unknown}

Job No:



SAMPLE INFORMATION

Sample Number	VCP115235	---	---	---
Sample Date	21 Oct 2011	---	---	---
Machine Hours	288	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

HIGHWAY EQUIPMENT AND SUPPLY CO

122 FRITZ ROAD
LOCK HAVEN, PA
US 17745

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OIL CONDITION

Visc @ 40°C	cSt	158.3	---	---	---
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CONTAMINATION

Silicon	ppm	4	---	---	---
Sodium	ppm	29	---	---	---
Potassium	ppm	4	---	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the component. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	166	---	---	---
Copper	ppm	13	---	---	---
Lead	ppm	5	---	---	---
Tin	ppm	1	---	---	---
Aluminum	ppm	<1	---	---	---
Chromium	ppm	6	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	7	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	24	---	---	---
Magnesium	ppm	<1	---	---	---
Zinc	ppm	14	---	---	---
Phosphorus	ppm	1148	---	---	---
Barium	ppm	8	---	---	---
Boron	ppm	2	---	---	---

Depot: HIGLOC
Unique No: 5718132
Signed: Don Baldrige
Report Date: 26 Oct 2011

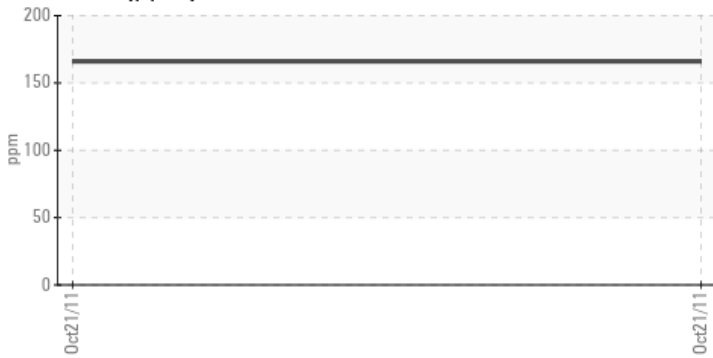


CONSTRUCTION EQUIPMENT

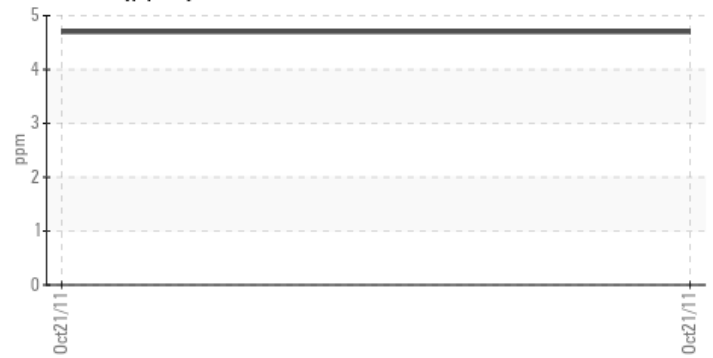


GRAPHS

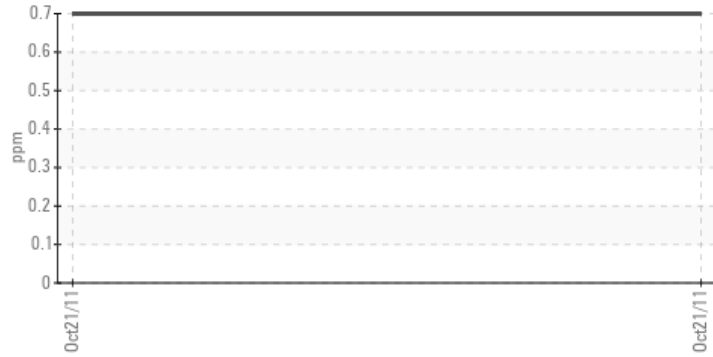
Iron (ppm)



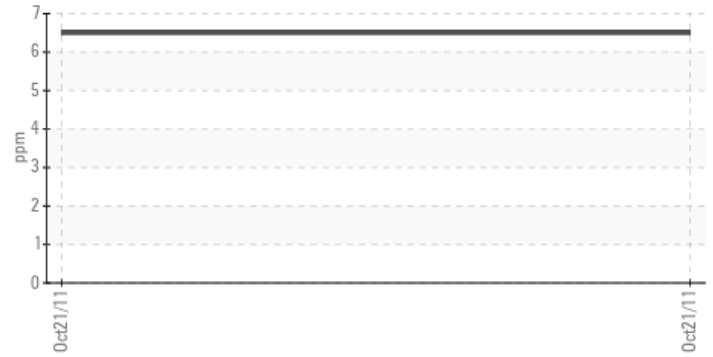
Lead (ppm)



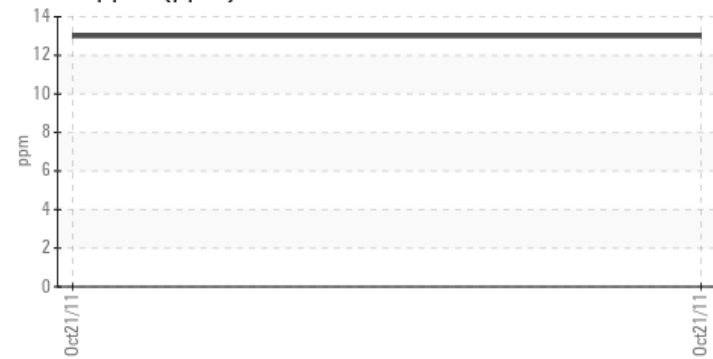
Aluminum (ppm)



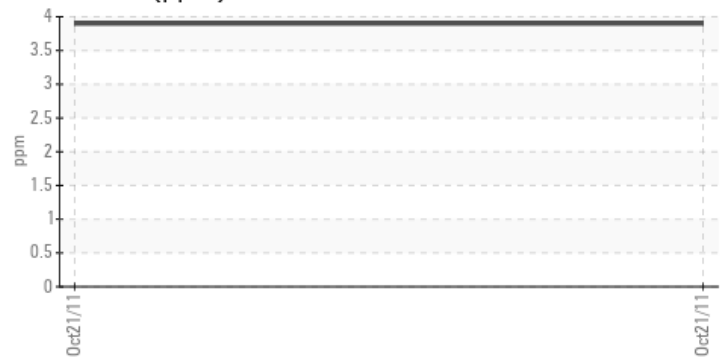
Chromium (ppm)



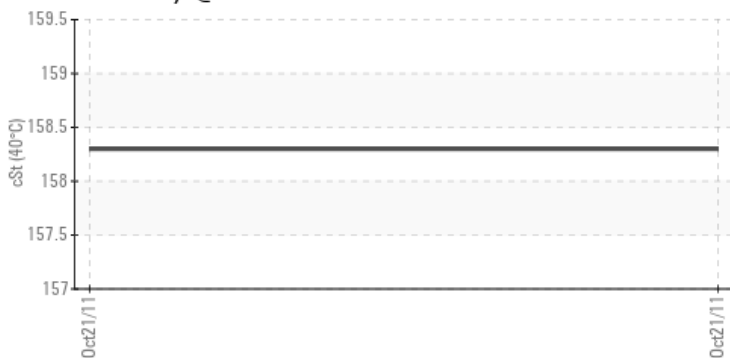
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

