



CONSTRUCTION EQUIPMENT

VOLVO EC460CL 110437 - REAR RIGHT FINAL DRIVE



Sample No: VCP117284
Oil Type: MOBIL MOBILUBE HD PLUS 85W140
Job No:



MCCLUNG-LOGAN EQUIPMENT CO - RICHMOND
 1345 MOUNTAIN ROAD
 GLEN ALLEN, VA
 US 23060
 Contact: KYLE RATLIFFE
 KRATLIFFE@MCCLUNG-LOGAN.COM
 T:
 F: (804)266-1611



SAMPLE INFORMATION

Sample Number	VCP117284	---	---	---
Sample Date	09 Aug 2011	---	---	---
Machine Hours	965	---	---	---
Oil Hours	500	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	█ 166.7	---	---	---
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CONTAMINATION

Water	%	█ 0.096	---	---	---
Silicon	ppm	█ 6	---	---	---
Sodium	ppm	█ 9	---	---	---
Potassium	ppm	█ 0	---	---	---



WEAR METALS

Iron	ppm	█ 218	---	---	---
Copper	ppm	█ 89	---	---	---
Lead	ppm	█ 4	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 5	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 8	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 10	---	---	---
Magnesium	ppm	█ 2	---	---	---
Zinc	ppm	█ 33	---	---	---
Phosphorus	ppm	█ 892	---	---	---
Barium	ppm	█ 108	---	---	---
Boron	ppm	█ 2	---	---	---

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.

Depot: VOLVO8882
Unique No: 5651291
Signed: Jonathan Hester
Report Date: 22 Aug 2011

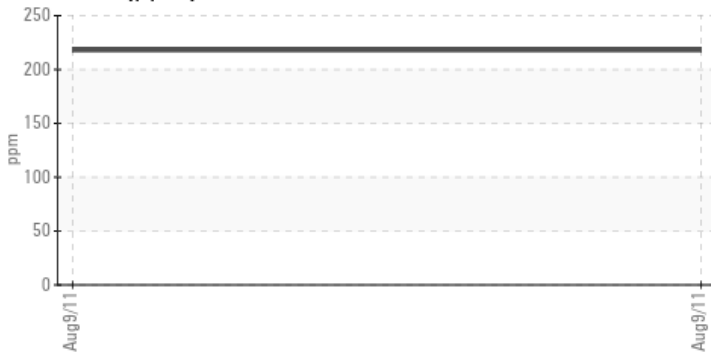


CONSTRUCTION EQUIPMENT

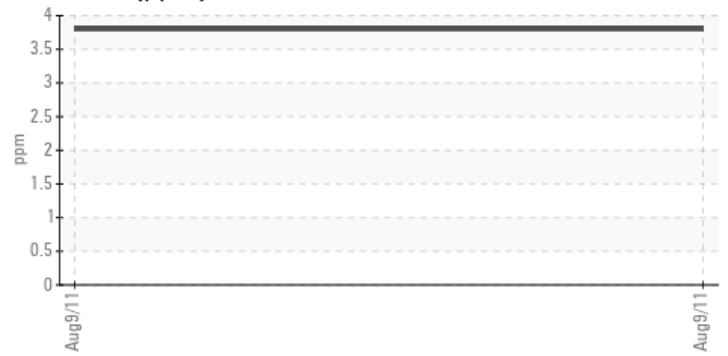


GRAPHS

Iron (ppm)



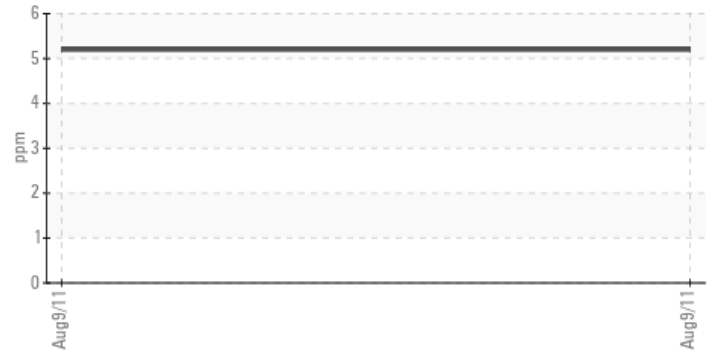
Lead (ppm)



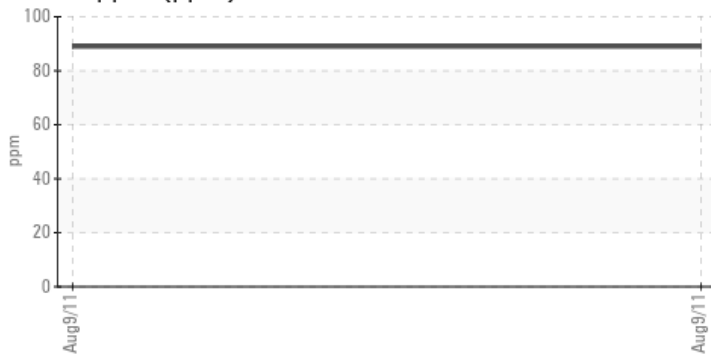
Aluminum (ppm)



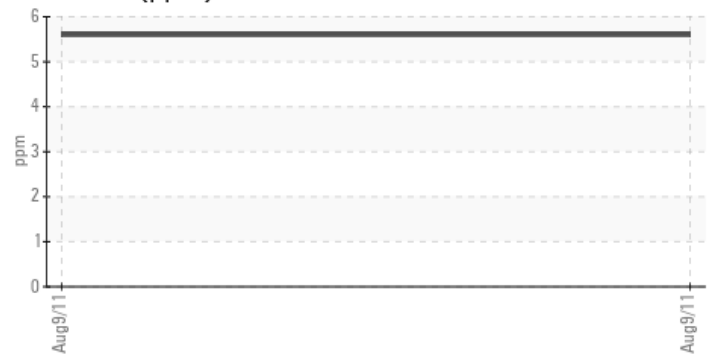
Chromium (ppm)



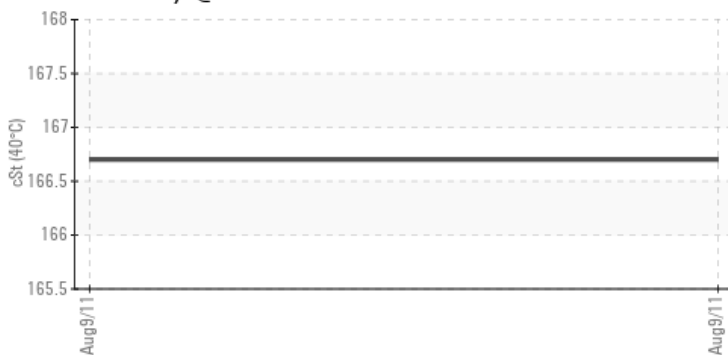
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

