



CONSTRUCTION EQUIPMENT

VOLVO A40F 11213 - FRONT AXLE



Sample No: VCE159418
Oil Type: {unknown}
Job No:



SAMPLE INFORMATION

Sample Number	VCE159418	---	---	---
Sample Date	27 Jun 2012	---	---	---
Machine Hours	1568	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

ALTA EQUIPMENT COMPANY - METRO WEST
 56195 PONTIAC TRAIL
 NEW HUDSON, MI
 US 48165
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 paul.elzerman@altaequipment.com
 T: (248)356-5200
 F: (248)356-2029



OIL CONDITION

Visc @ 40°C	cSt	█ 119.7	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 8	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 0	---	---	---



WEAR METALS

Iron	ppm	█ 12	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 71	---	---	---
Magnesium	ppm	█ 0	---	---	---
Zinc	ppm	█ 31	---	---	---
Phosphorus	ppm	█ 1574	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 239	---	---	---

Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. 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: VOLVO2990
Unique No: 5960542
Signed: Elizabeth Valachovic
Report Date: 05 Jul 2012

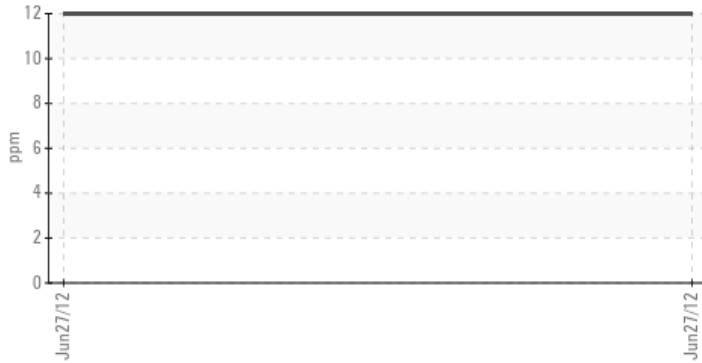


CONSTRUCTION EQUIPMENT

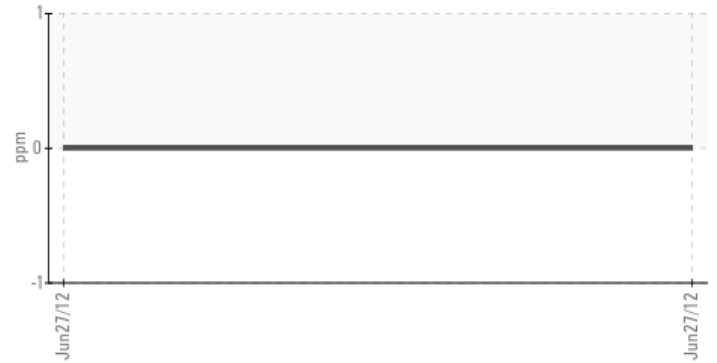


GRAPHS

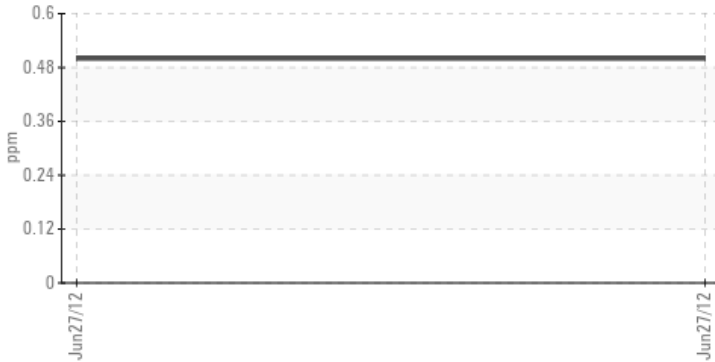
Iron (ppm)



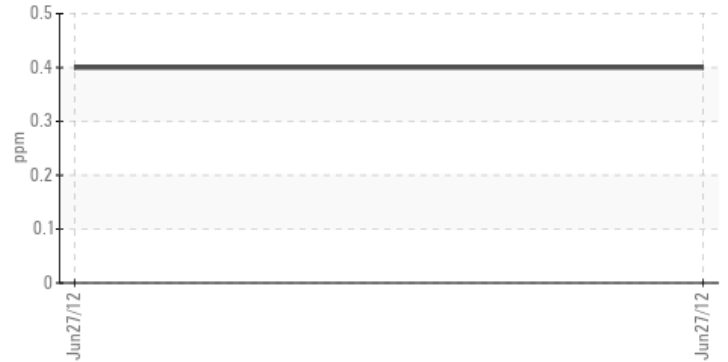
Lead (ppm)



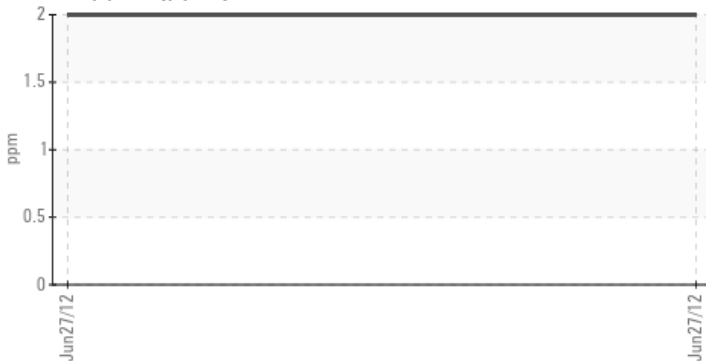
Aluminum (ppm)



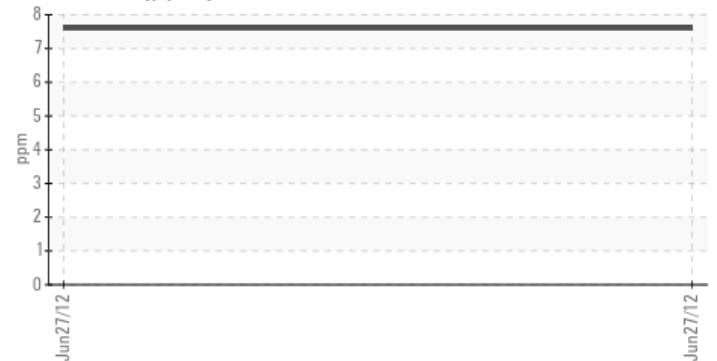
Chromium (ppm)



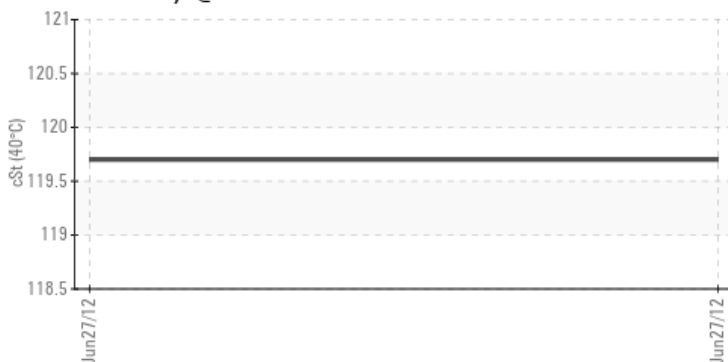
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

