



# CONSTRUCTION EQUIPMENT

## VOLVO EC460CL 110503 - RIGHT SWING DRIVE



**Sample No:** VCP118117  
**Oil Type:** VOLVO PREMIUM GEAR OIL 85W-140 GL-5  
**Job No:**



### SAMPLE INFORMATION

Sample Number	VCP118117	---	---	---
Sample Date	06 Apr 2012	---	---	---
Machine Hours	1163	---	---	---
Oil Hours	1000	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

**HIGHWAY EQUIPMENT AND SUPPLY CO**  
 200 BURKHOLDER DR.  
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 US 17522  
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### OIL CONDITION

Visc @ 40°C	cSt	173.7	---	---	---
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### CONTAMINATION

Silicon	ppm	15	---	---	---
Sodium	ppm	1	---	---	---
Potassium	ppm	<1	---	---	---

### 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	133	---	---	---
Copper	ppm	6	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	1	---	---	---
Chromium	ppm	2	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	2	---	---	---
Vanadium	ppm	0	---	---	---



### ADDITIVES

Calcium	ppm	14	---	---	---
Magnesium	ppm	5	---	---	---
Zinc	ppm	71	---	---	---
Phosphorus	ppm	962	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	<1	---	---	---

**Depot:** INSEPH  
**Unique No:** 5883153  
**Signed:** Don Baldrige  
**Report Date:** 12 Apr 2012



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## GRAPHS

