



# CONSTRUCTION EQUIPMENT

## VOLVO EC460 11065 - SWING DRIVE



**Sample No:** VCP069220  
**Oil Type:** {unknown}  
**Job No:**



### SAMPLE INFORMATION

Sample Number	VCP069220	---	---	---
Sample Date	16 Jan 2009	---	---	---
Machine Hours	4008	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

### ALTA EQUIPMENT

5985 COURT STREET ROAD  
 SYRACUSE, NY  
 US 13206  
 Contact: JIM STRIGLE  
 JIM.STRIGLE@ALTG.COM  
 T: (315)437-2611  
 F: (315)434-9471



### OIL CONDITION

Visc @ 40°C	cSt	122.0	---	---	---
-------------	-----	-------	-----	-----	-----



### CONTAMINATION

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

### 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	291	---	---	---
Copper	ppm	19	---	---	---
Lead	ppm	2	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	0	---	---	---
Chromium	ppm	2	---	---	---
Molybdenum	ppm	4	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	6	---	---	---
Vanadium	ppm	0	---	---	---



### ADDITIVES

Calcium	ppm	142	---	---	---
Magnesium	ppm	20	---	---	---
Zinc	ppm	85	---	---	---
Phosphorus	ppm	868	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	144	---	---	---

**Depot:** VOLVO0142  
**Unique No:** 4711802  
**Signed:** Don Baldrige  
**Report Date:** 25 Jan 2009

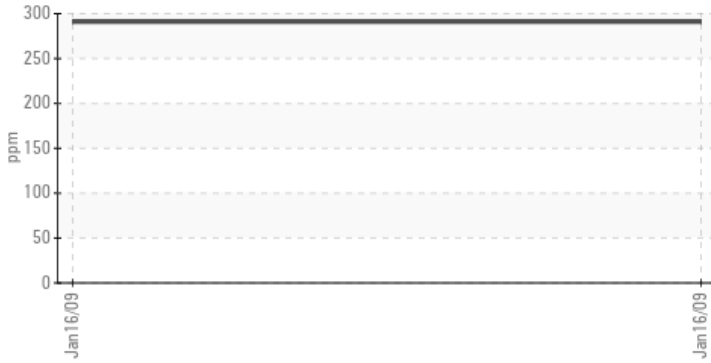


# CONSTRUCTION EQUIPMENT

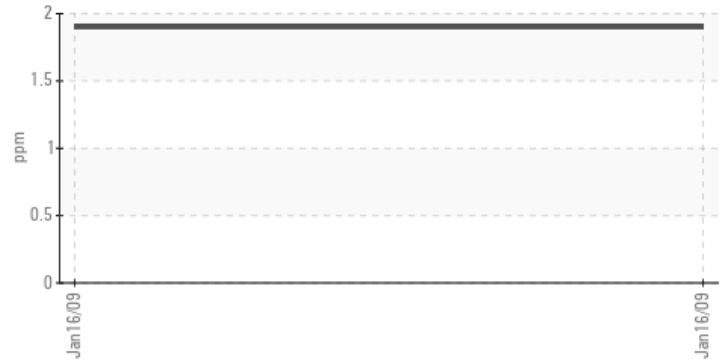


## GRAPHS

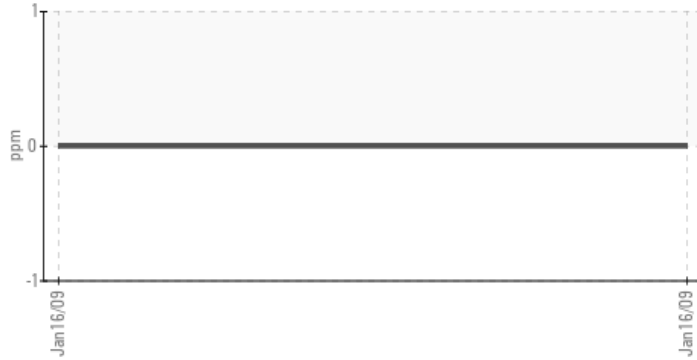
### Iron (ppm)



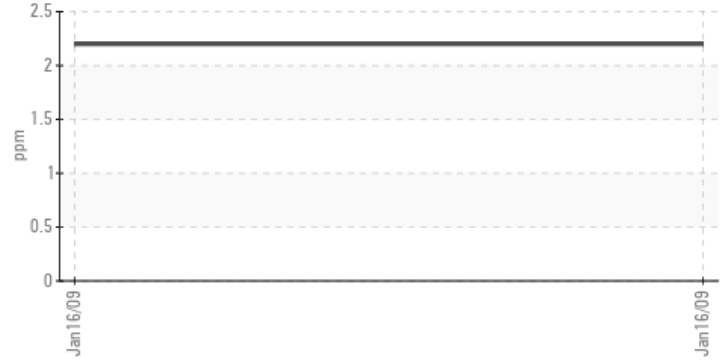
### Lead (ppm)



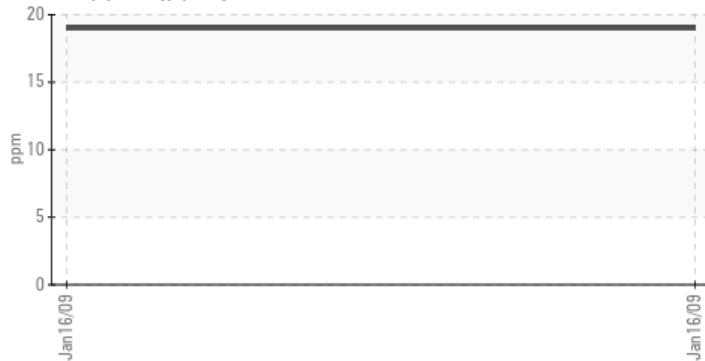
### Aluminum (ppm)



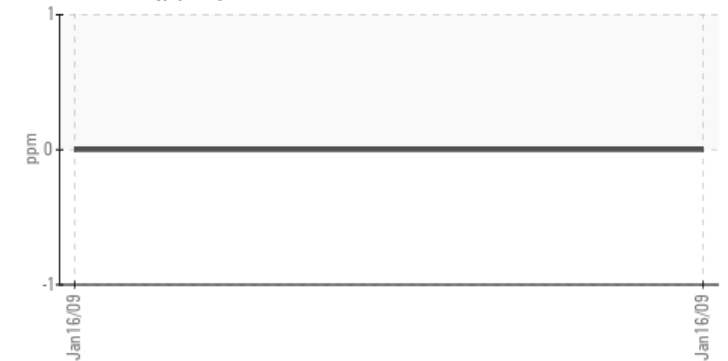
### Chromium (ppm)



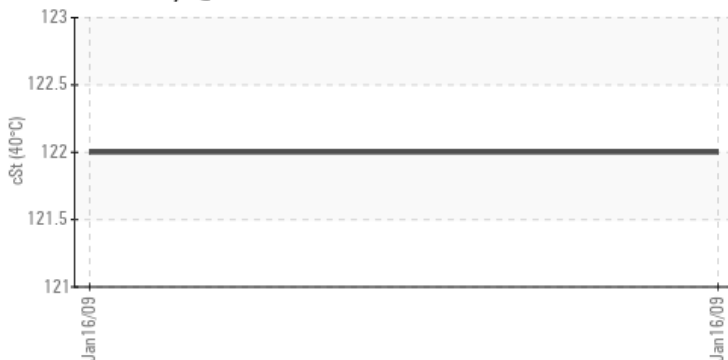
### Copper (ppm)



### Silicon (ppm)



### Viscosity @ 40°C



### Additives

