



CONSTRUCTION EQUIPMENT

VOLVO EC460C 110503 - REAR RIGHT FINAL DRIVE



Sample No: VCP115264
Oil Type: {unknown}
Job No:



SAMPLE INFORMATION

Sample Number	VCP115264	---	---	---
Sample Date	21 Oct 2011	---	---	---
Machine Hours	288	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

HIGHWAY EQUIPMENT AND SUPPLY CO
 122 FRITZ ROAD
 LOCK HAVEN, PA
 US 17745
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OIL CONDITION

Visc @ 40°C	cSt	149.7	---	---	---
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CONTAMINATION

Silicon	ppm	5	---	---	---
Sodium	ppm	49	---	---	---
Potassium	ppm	5	---	---	---



WEAR METALS

Iron	ppm	204	---	---	---
Copper	ppm	20	---	---	---
Lead	ppm	5	---	---	---
Tin	ppm	1	---	---	---
Aluminum	ppm	1	---	---	---
Chromium	ppm	8	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	8	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	34	---	---	---
Magnesium	ppm	<1	---	---	---
Zinc	ppm	17	---	---	---
Phosphorus	ppm	1162	---	---	---
Barium	ppm	11	---	---	---
Boron	ppm	2	---	---	---

Diagnosis

We suspect abnormal contamination may be due to sampling method. No corrective action is recommended at this time. Resample at the next service interval to monitor. Moderate concentration of visible metal present. 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: HIGLOC
Unique No: 5718133
Signed: Don Baldrige
Report Date: 26 Oct 2011



CONSTRUCTION EQUIPMENT



GRAPHS

