



CONSTRUCTION EQUIPMENT

VOLVO A25E 73007 - FRONT RIGHT FINAL DRIVE



Sample No: VCE169981
Oil Type: SAE 85W140
Job No:



SAMPLE INFORMATION

Sample Number	VCE169981	VCE110079	---	---
Sample Date	07 Jun 2012	25 Feb 2011	---	---
Machine Hours	4613	2191	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	ABNORMAL	ABNORMAL	---	---

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OIL CONDITION

Visc @ 40°C	cSt	320.3	▲ 89.27	---	---
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CONTAMINATION

Silicon	ppm	39	6	---	---
Sodium	ppm	2	3	---	---
Potassium	ppm	3	3	---	---



WEAR METALS

Iron	ppm	312	692	---	---
Copper	ppm	28	69	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	0	3	---	---
Aluminum	ppm	7	<1	---	---
Chromium	ppm	6	12	---	---
Molybdenum	ppm	<1	0	---	---
Nickel	ppm	4	10	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	6	16	---	---
Vanadium	ppm	0	<1	---	---



ADDITIVES

Calcium	ppm	58	22	---	---
Magnesium	ppm	114	862	---	---
Zinc	ppm	50	14	---	---
Phosphorus	ppm	435	1560	---	---
Barium	ppm	0	<1	---	---
Boron	ppm	60	442	---	---

Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. The condition of the oil is acceptable for the time in service.

Depot: VOLVO0228
Unique No: 5946862
Signed: Don Baldrige
Report Date: 18 Jun 2012



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GRAPHS

