



CONSTRUCTION EQUIPMENT

VOLVO A25E 73007 - FRONT AXLE



Sample No: VCE229289
Oil Type: SAE 85W140
Job No:



SAMPLE INFORMATION

Sample Number	VCE229289	VCE106620	VCE090355	---
Sample Date	11 Oct 2013	07 Jun 2012	25 Feb 2011	---
Machine Hours	6738	4613	2191	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	ABNORMAL	---

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OIL CONDITION

Visc @ 40°C	cSt	334.8	338.2	▲ 88.07	---
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CONTAMINATION

Water	%	---	---	0.096	---
Silicon	ppm	48	41	6	---
Sodium	ppm	1	2	3	---
Potassium	ppm	1	3	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	286	330	729	---
Copper	ppm	32	27	71	---
Lead	ppm	<1	0	<1	---
Tin	ppm	2	0	4	---
Aluminum	ppm	4	7	<1	---
Chromium	ppm	3	6	13	---
Molybdenum	ppm	0	<1	0	---
Nickel	ppm	3	4	11	---
Titanium	ppm	<1	<1	<1	---
Silver	ppm	0	0	0	---
Manganese	ppm	3	6	17	---
Vanadium	ppm	0	0	<1	---



ADDITIVES

Calcium	ppm	9	70	26	---
Magnesium	ppm	10	122	874	---
Zinc	ppm	7	56	15	---
Phosphorus	ppm	820	442	1613	---
Barium	ppm	0	0	<1	---
Boron	ppm	201	57	459	---

Depot: VOLVO0228
Unique No: 6432106
Signed: Elizabeth Valachovic
Report Date: 05 Nov 2013



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GRAPHS

