



CONSTRUCTION EQUIPMENT

VOLVO ECR235CL 110174 - SWING DRIVE



Sample No: VC462280

Oil Type: CASTROL 85W140

Job No:



SAMPLE INFORMATION

Sample Number	VC462280	VC388743	VC464428	---
Sample Date	30 Oct 2013	17 Jan 2012	25 Mar 2010	---
Machine Hours	3042	2056	1058	---
Oil Hours	996	998	1058	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	ATTENTION	NORMAL	---

DAYTON CONSTRUCTION
146 BUNKER HILL ROAD
WATERTOWN, CT
US 06795
Contact: SERVICE MANAGER



OIL CONDITION

Visc @ 40°C	cSt	211.0	205.2	169.5	---
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T: (860)274-2998
F:



CONTAMINATION

Silicon	ppm	39	33	8	---
Sodium	ppm	<1	<1	3	---
Potassium	ppm	2	0	2	---

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	28	38	215	---
Copper	ppm	10	8	31	---
Lead	ppm	1	<1	1	---
Tin	ppm	0	<1	<1	---
Aluminum	ppm	<1	<1	1	---
Chromium	ppm	<1	<1	3	---
Molybdenum	ppm	0	0	0	---
Nickel	ppm	<1	0	<1	---
Titanium	ppm	0	<1	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	1	<1	5	---
Vanadium	ppm	0	0	<1	---



ADDITIVES

Calcium	ppm	21	18	9	---
Magnesium	ppm	0	<1	11	---
Zinc	ppm	22	15	43	---
Phosphorus	ppm	274	335	1131	---
Barium	ppm	0	0	<1	---
Boron	ppm	32	38	<1	---

Depot: DAYWAT
Unique No: 6430662
Signed: Don Baldrige
Report Date: 01 Nov 2013



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GRAPHS

