



CONSTRUCTION EQUIPMENT

594730-01 VOLVO ECR305CL 110051 - DIESEL ENGINE



Sample No: VCP132195
Oil Type: SHELL ROTELLA T 15W40
Job No: 594730-01



SAMPLE INFORMATION

Sample Number	VCP132195	---	---	---
Sample Date	29 May 2012	---	---	---
Machine Hours	2084	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changed	---	---	---
Sample Status	NORMAL	---	---	---

STRONGCO EQUIPMENT INC.

1640 ENTERPRISE ROAD
MISSISSAUGA, ON
CA L4W 4L4

Contact: Janice Cripps
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OIL CONDITION

Visc @ 100°C	cSt	█ 12.0	---	---	---
Oxidation (PA)	%	█ 58	---	---	---



CONTAMINATION

Soot %	%	█ 0	---	---	---
Nitration (PA)	%	█ 48	---	---	---
Sulfation (PA)	%	█ 74	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	█ 0.0	---	---	---
Silicon	ppm	█ 4	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 5	---	---	---



WEAR METALS

Iron	ppm	█ 4	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 6	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	█ <1	---	---	---
Silver	ppm	█ <1	---	---	---
Manganese	ppm	█ 0	---	---	---
Vanadium	ppm	█ 0	---	---	---



ADDITIVES

Calcium	ppm	█ 2601	---	---	---
Magnesium	ppm	█ 118	---	---	---
Zinc	ppm	█ 1369	---	---	---
Phosphorus	ppm	█ 998	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 31	---	---	---

Diagnosis

Resample at the next service interval to monitor. NOTE: The excessive smoke is noted, however, there are no issues with the oil sample that would indicate why this is occurring. 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: SHEMIS
Unique No: 3519452
Signed: Bill Quesnel
Report Date: 31 May 2012



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GRAPHS

