CONSTRUCTION EQUIPMENT 594730-01 VOLVO ECR305CL 110051 - DIESEL ENGINE

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

### SAMPLE INFORMATION

VOLVO

Sample Number		VCP132195	 	
Sample Date		29 May 2012	 	
Machine Hours		2084	 	
Oil Hours		0	 	
Oil Changed		Not Changd	 	
Sample Status		NORMAL	 	
OIL COND				
Visc @ 100°C	cSt	12.0	 	
Oxidation (PA)	%	58	 	
CONTAM				
	INATION			
Soot %	%	0	 	
Nitration (PA)	%	<b>48</b>	 	
Sulfation (PA)	%	74	 	
Glycol	%	NEG	 	
Fuel	%	0.0	 	
Silicon	ppm	<b>4</b>	 	
Sodium	ppm	0	 	



#### STRONGCO EQUIPMENT INC.

1640 ENTERPRISE ROAD MISSISSAUGA, ON CA L4W 4L4 Contact: Janice Cripps jcripps@strongco.com T: (905)565-3876 F: (905)670-2338

#### 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 occuring.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

ppm

5

Potassium

WEAK N	NETALS			
Iron	ppm	<b>□</b> 4	 	
Copper	ppm		 	
Lead	ppm	□<1	 	
Tin	ppm	0	 	
Aluminum	ppm	□<1	 	
Chromium	ppm		 	
Molybdenum	ppm	6	 	
Nickel	ppm	0	 	
Titanium	ppm	□<1	 	
Silver	ppm		 	
Manganese	ppm	0	 	
Vanadium	ppm	0	 	

VOLVO

Calcium	ppm	2601			
Magnesium	ppm	<b>118</b>			
Zinc	ppm	<b>1369</b>			
Phosphorus	ppm	998			
Barium	ppm	0			
Boron	ppm	31			

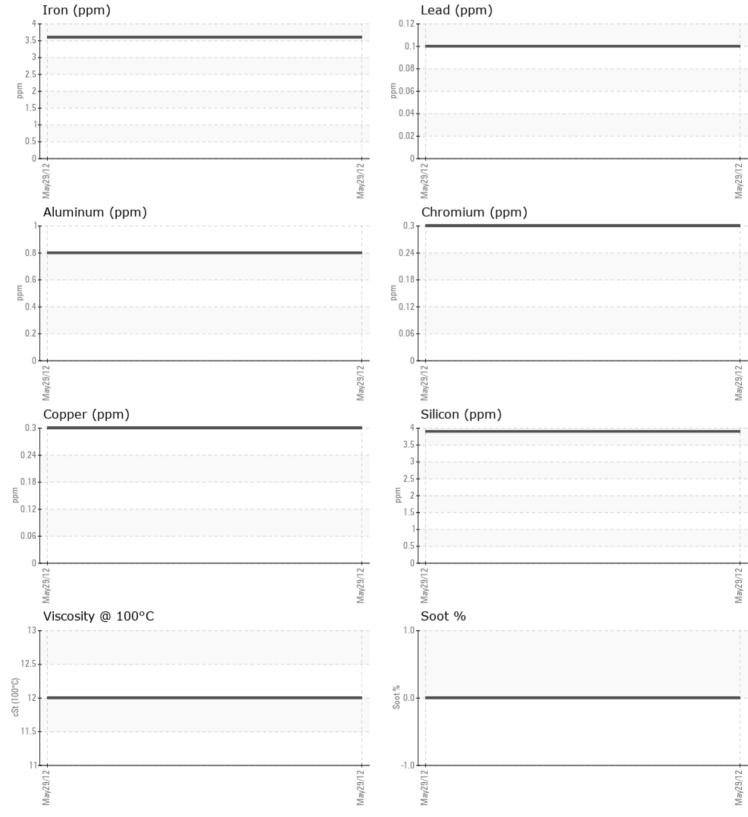
Depot:SHEMISUnique No:3519452Signed:Bill QuesnelReport Date:31 May 2012

# **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



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Contact/Location: Janice Cripps - SHEMIS