

### **CONSTRUCTION EQUIPMENT** VOLVO L45B 1952243 - REAR AXLE



Sample No:VCP086943Oil Type:{unknown}

#### Job No:

Barium

Boron

	INFORMATION			
	INFURMATION			
Sample Number		VCP086943	 	
Sample Date		22 Oct 2009	 	
Machine Hours		343	 	
Oil Hours		343	 	
Oil Changed		Changed	 	
Sample Status		SEVERE	 	
VOLVO				
OIL CONE	DITION			
Visc @ 40°C	cSt	72.31	 	
VOLVO				
	INATION			
Water	%	<b>2.73</b>	 	
Silicon	ppm	<u> </u>	 	
Sodium	ppm	7	 	
Potassium	ppm	3	 	
WEAR M	ETALS			
Iron	ppm	<b>111</b>	 	
Copper	ppm	<b>1</b> 2	 	
Lead	ppm	1	 	
Tin	ppm	1	 	
Aluminum	ppm	3	 	
Chromium	ppm	3	 	
Molybdenum	ppm	0	 	
Nickel	ppm	<b>1</b>	 	
Titanium	ppm	4	 	
Silver	ppm	0	 	
Manganese	ppm	14	 	
Vanadium	ppm	0	 	
	ES		 	
Calcium	ppm	3042	 	
Magnesium	ppm	8	 	
Zinc	ppm	1370	 	
Phosphorus	ppm	1218	 	



ALTA EQUIPMENT COMPANY - METRO WEST 56195 PONTIAC TRAIL NEW HUDSON, MI US 48165 Contact: PAUL ELZERMAN paul.elzerman@altaequipment.com T: (248)356-5200

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### Diagnosis

We advise that you check for the source of water entry. The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition.All component wear rates are normal. There is a high concentration of water present in the oil. Elemental level of silicon (Si) above normal indicating ingress of seal material. The condition of the oil is acceptable for the time in service.

 Depot:
 VOLVO2990

 Unique No:
 4997969

 Signed:
 Jonathan Hester

 Report Date:
 28 Oct 2009

 Contact/Location: PAUL ELZERMAN - VOLVO2990

4 84

ppm

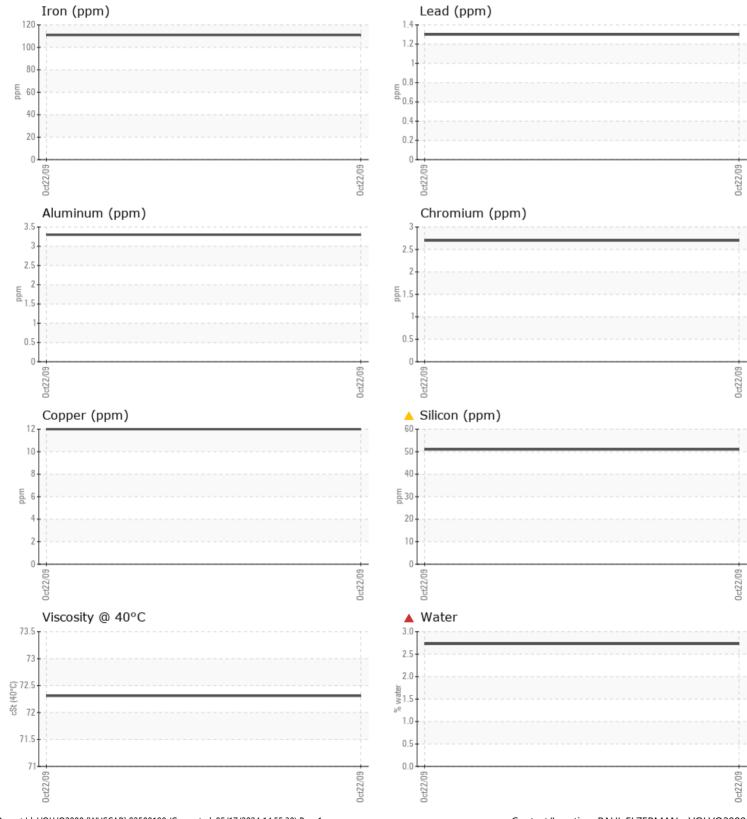
ppm

## **CONSTRUCTION EQUIPMENT**



# GRAPHS

VOLVO



Report Id: VOLVO2990 [WUSCAR] 02508190 (Generated: 05/17/2024 14:55:30) Rev: 1

Contact/Location: PAUL ELZERMAN - VOLVO2990