

CONSTRUCTION EQUIPMENT VOLVO EC550EL 310039 - DIESEL ENGINE



Sample No: VCP420601

il Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

Oil Type:

Job No:

Sample Number		VCP420601	 		
Sample Date		12 Jul 2023	 		
Machine Hours		1942	 		
Oil Hours		0	 		
Oil Changed		Changed	 		
Sample Status		ATTENTION	 		
OIL CON	DITION				
Visc @ 100°C	cSt	12.2	 		
Base Number (BN	I) mg KOH/g	8.2	 		
Oxidation (PA)	%	80	 		
VOLVO					
	IINATION	<u>.</u>	 	<u>.</u>	
Soot %	%	0.3	 		
Nitration (PA)	%	79	 		
Sulfation (PA)	%	60	 		
Glycol	%	NEG	 		
Fuel	%	0.6	 		
Silicon	ppm	1 3	 		
Sodium	ppm	4	 		
Potassium	ppm	0	 		
VOLVO	IETALS				
WEAR P					
Iron		1 1	 		
	ppm ppm	□ 11 □ 21	 		

Lead	ppm	 <1	 	
Tin	ppm	∎1	 	
Aluminum	ppm	□<1	 	
Chromium	ppm		 	
Molybdenum	ppm	54	 	
Nickel	ppm		 	
Titanium	ppm	<1	 	
Silver	ppm	0	 	
Manganese	ppm	□ <1	 	
Vanadium	ppm	<1	 	

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ADDITIVES								
ppm	1860							
ppm	510							
ppm	1117							
ppm	924							
ppm	0							
ppm	18							
	ppm ppm ppm ppm	ppm 510 ppm 1117 ppm 924 ppm 0	ppm 510 ppm 1117 ppm 924 ppm 0	ppm 510 ppm 1117 ppm 924 ppm 0				



ALTA EQUIPMENT COMPANY

5151 DR MARTIN LUTHER KING BLVD FORT MYERS, FL US 33905 Contact: TODD LARK tlark@altaequipfl.com T: F: (239)481-3302

Diagnosis

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.All component wear rates are normal. Fuel content negligible. There is no indication of any contamination in the oil. The oil viscosity is lower than normal. The BN result indicates that there is suitable alkalinity remaining in the oil. Confirm oil type.

 Depot:
 VOLVO0090

 Unique No:
 10563391

 Signed:
 Jonathan Hester

 Report Date:
 20 Jul 2023

Report Id: VOLVO0090 [WUSCAR] 05902035 (Generated: 07/20/2023 16:07:46) Rev: 1

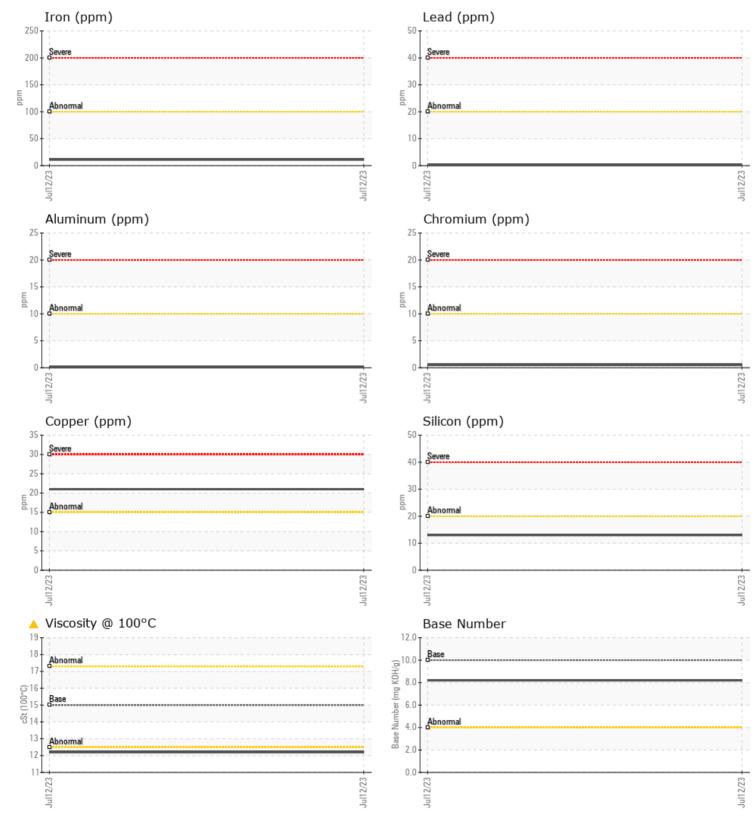
Contact/Location: TODD LARK - VOLVO0090

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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