

# CONSTRUCTION EQUIPMENT VOLVO EC550EL 310258 - DIESEL ENGINE



### Sample No: VCP441346

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

Job No:

SAMPLE IN	FORMATION		 	
Sample Number	•	VCP441346	 	
Sample Date		10 Jan 2024	 	
Machine Hours		527	 	
Oil Hours		0	 	
Oil Changed		Changed	 	
Sample Status		ABNORMAL	 	
OIL CONDI				
Visc @ 100°C	cSt	<b>10.9</b>	 	
Base Number (BN)	5 5	5.0	 	
Oxidation (PA)	%	64	 	
VOLVO			 	
CONTAMIN	IATION			
Water	%	NEG	 	
Soot %	%	0.3	 	
Nitration (PA)	%	82	 	
Sulfation (PA)	%	57		
Glycol	%	57 NEG	 	
uel	%			
		0.6	 	
ilicon	ppm	28	 	
odium	ppm	■<1	 	
Potassium	ppm	2	 	
VOLVO				
WEAR MET	TALS			
ron	ppm	10	 	
Copper	ppm	<u>^</u> 254	 	
_ead	ppm		 	
Fin	ppm	2	 	
Aluminum	ppm	3	 	
Chromium	ppm	<b>□</b> <1	 	
Volybdenum	ppm	82	 	
Nickel	ppm	3	 	
Titanium	ppm	0	 	
ilver				-
Manganese	ppm	<b>□</b> 0 <b>□</b> 2	 	
/anadium	ppm	0	 	
andulum	ppm	U	 	
VOLVO			 	
	2			
Calcium	ppm	2195	 	
Magnesium	ppm	60	 	
Zinc	ppm	1196	 	
Phosphorus	ppm	977	 	
Barium	ppm	0	 	
Boron	ppm	0	 	
	ppm		 	



#### 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

nd filter change at the time of ling has been noted. No ctive action is recommended at ime. Resample at the next ce interval to monitor. The er level is abnormal. In the nce of other significant wear ls, suspect copper due to es other than wear (i.e. cooling All other metal levels are al for a new component king in. Fuel content negligible. is no indication of any mination in the oil. The oil sity is lower than normal. The esult indicates that there is ole alkalinity remaining in the oil. rm oil type.

 Depot:
 VOLVO0090

 Unique No:
 10830434

 Signed:
 Don Baldridge

 Report Date:
 16 Jan 2024

Report Id: VOLVO0090 [WUSCAR] 06059052 (Generated: 01/16/2024 11:57:25) Rev: 1

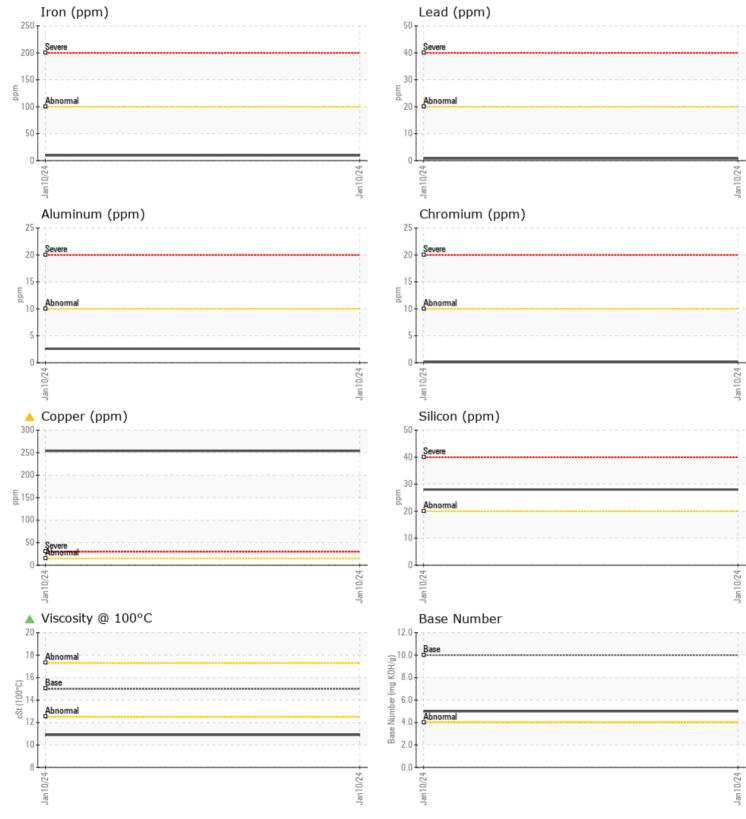
Contact/Location: TODD LARK - VOLVO0090

# **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



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