

CONSTRUCTION EQUIPMENT VOLVO EC380EL 315682 - DIESEL ENGINE



Sample No: VCP441084

e: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

Oil Type: Job No:

	FORMATION				<u>_</u>
Sample Number		VCP441084			
Sample Date		29 Jan 2024			
Machine Hours		618			
Oil Hours		0			
Oil Changed		Changed			
Sample Status		ABNORMAL			
VOLVO					
OIL CONDI	TION				
Visc @ 100°C	cSt	10.5			
Base Number (BN)	mg KOH/g	4.5			
Oxidation (PA)	%	70			
VOLVO					
CONTAMIN	-				
Water	%	NEG			
Soot %	%	0.1			
Nitration (PA)	%	88			
Sulfation (PA)	%	61			
Glycol	%	NEG			
Fuel	%	1.2			
Silicon	ppm	25			
Sodium	ppm	4			
Potassium	ppm	6			
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<u> </u>		- 10	-	-	
Iron	ppm	■ 10			
Copper	ppm	<u> </u>			
Lead	ppm	2			
Tin	ppm	2			
Aluminum	ppm	3			
Chromium	ppm	0			
Molybdenum	ppm	88			
Nickel	ppm	□<1			
Titanium	ppm	0			
Silver	ppm	0			
Manganese	ppm	3			
Vanadium	ppm	<1			
VOLVO					
	5				
Calcium	ppm	2158			
Magnesium	ppm	20			
Zinc	ppm	1240			
Phosphorus	ppm	1047			
Barium	ppm	0			
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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

Dil and filter change at the time of ampling has been noted. Resample the next service interval to onitor. The copper level is abnormal. the absence of other significant ear metals, suspect copper due to ources other than wear (i.e. cooling ore). All other metal levels are pical for a new component reaking in. Fuel content negligible. here is no indication of any ontamination in the oil. The oil iscosity is lower than normal. The N result indicates that there is uitable alkalinity remaining in the oil. Confirm oil type.

 Depot:
 VOLVO0090

 Unique No:
 10857556

 Signed:
 Jonathan Hester

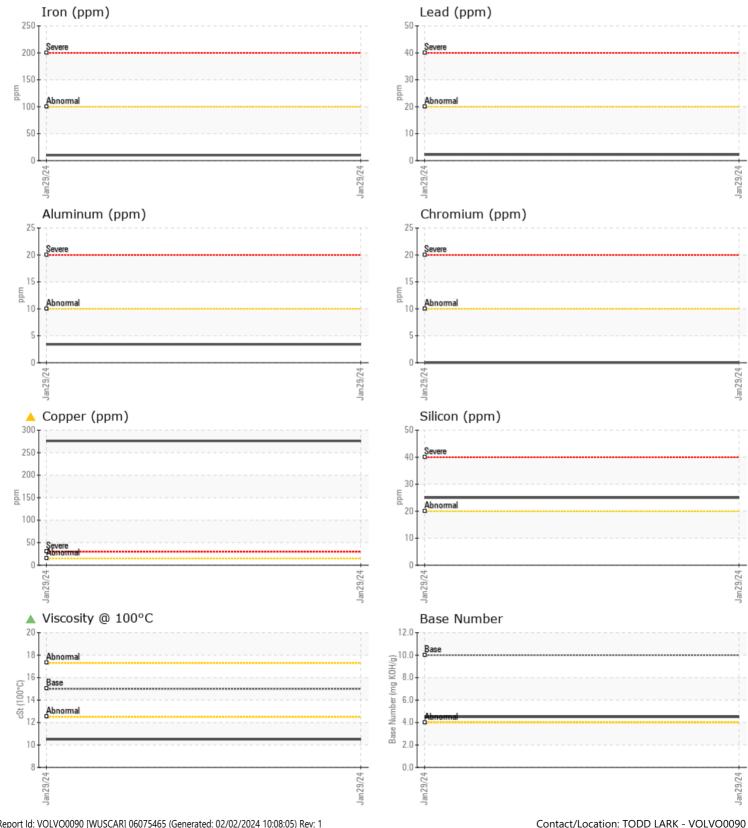
 Report Date:
 02 Feb 2024

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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