

## CONSTRUCTION EQUIPMENT VOLVO ECR235E 315168 - DIESEL ENGINE



## Sample No: VCP407937

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

Oil Type: Job No:

	INFORMATION		 	
Sample Number		VCP407937	 	
Sample Date		22 Jun 2023	 	
Machine Hours		927	 	
Oil Hours		500	 	
Oil Changed		Changed	 	
Sample Status		NORMAL	 	
VOLVO				
V OIL CON				
Visc @ 100°C	cSt	<b>13.2</b>	 	
Base Number (BN		<b>6.1</b>	 	
Oxidation (PA)	%	55	 	
VOLVO			 	
CONTAM	IINATION			
Soot %	%	0.1	 	
Nitration (PA)	%	70	 	
Sulfation (PA)	%	60	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	<b>11</b>	 	
Sodium	ppm	4	 	
Potassium	ppm	<b>4</b>	 	
WEAR M	FTAI S			
Iron		28	 	
Copper	ppm	9	 	
Lead	ppm	0	 	
Tin	ppm ppm	3	 	
Aluminum	ppm	2	 	
Chromium	ppm	2	 	
Molybdenum	ppm	4	 	
Nickel	ppm		 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	3	 	
Vanadium	ppm	0	 	
	PPII			
VOLVO			 	
ADDITIV	E2			
Calcium	ppm	2406	 	
Magnesium	ppm	94	 	
Zinc	ppm	1173	 	
Phosphorus	ppm	953	 	
Barium	ppm	0	 	
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McClung-Logan Virginia LLC

112 HOLLAND BLVD CHESAPEAKE, VA JS 23323 Contact: TOMMY GRIFFIN griffin@mcclung-logan.com F: (757)485-3314 F: (757)485-3415

## Diagnosis

Resample at the next service interval to monitor.Metal levels are typical for a new component breaking in. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

 Depot:
 VOLV00264

 Unique No:
 10536788

 Signed:
 Wes Davis

 Report Date:
 02 Jul 2023

Report Id: VOLVO0264 [WUSCAR] 05886305 (Generated: 07/02/2023 11:16:16) Rev: 1

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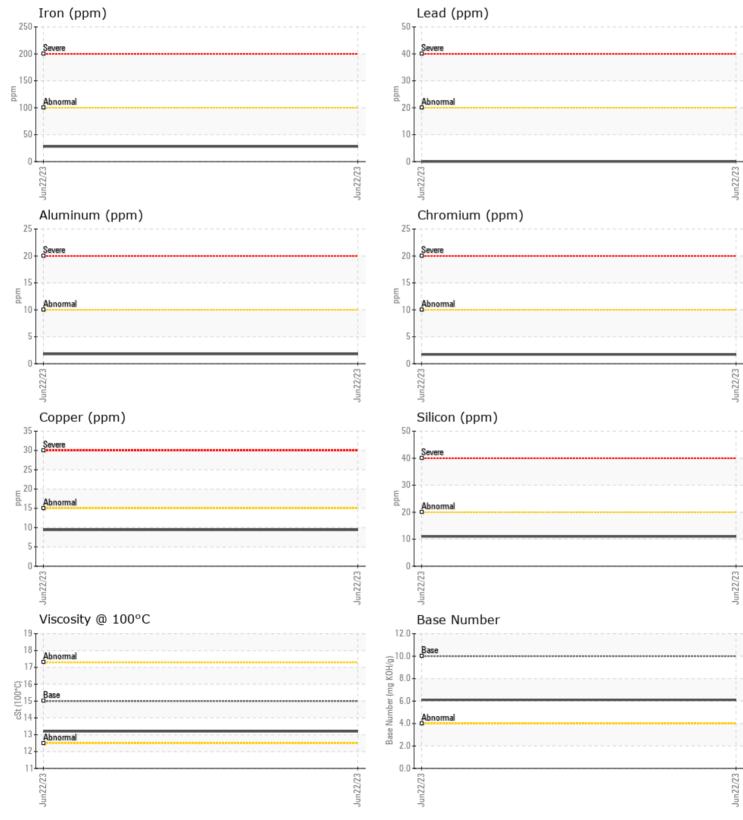
Contact/Location: TOMMY GRIFFIN - VOLVO0264

## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Report Id: VOLVO0264 [WUSCAR] 05886305 (Generated: 07/02/2023 11:16:18) Rev: 1

Contact/Location: TOMMY GRIFFIN - VOLVO0264