CONSTRUCTION EQUIPMENT 594559 VOLVO ECR235 623714 - DIESEL ENGINE



 Sample No:
 VCP412627

 Oil Type:
 VOLVO ULT

VOLVO

VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3 594559

Job No:

SAMPLE INFORMATION

Sample Number		VCP412627	 	
Sample Date		16 Aug 2023	 	
Machine Hours		3333	 	
Oil Hours		0	 	
Oil Changed		Changed	 	
Sample Status		NORMAL	 	
VOLVO				
OIL CONDI	TION			
Visc @ 100°C	cSt	13.1	 	
Base Number (BN)	mg KOH/g	9.7	 	
Oxidation (PA)	%	78	 	
VOLVO				
Contamii	NATION			
Soot %	%	0.3	 	
Nitration (PA)	%	58	 	
Sulfation (PA)	%	58	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	



ALTA EQUIPMENT/FLAGLER EQUIPMENT LLC

9601 BOGGY CREEK RD ORLANDO, FL US 32824 Contact: Robert LaPlante robert.laplante@altg.com T: (407)508-9736 F: (407)659-8720

Diagnosis

Resample at the next service interval to monitor.All component wear rates are normal. 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.

Potassium

ppm

ppm

ppm

6

3

0

Silicon

Sodium

WEAR METALS							
Iron	ppm	1 4					
Copper	ppm	2					
Lead	ppm	0					
Tin	ppm						
Aluminum	ppm	3					
Chromium	ppm	1					
Molybdenum	ppm	44					
Nickel	ppm						
Titanium	ppm	<1					
Silver	ppm	0					
Manganese	ppm	 <1					
Vanadium	ppm	<1					

Variaului

ADDITIVES							
Calcium	ppm	1810					
Magnesium	ppm	530					
Zinc	ppm	1147					
Phosphorus	ppm	947					
Barium	ppm	0					
Boron	ppm	31					

 Depot:
 VOLVO0096

 Unique No:
 10609099

 Signed:
 Wes Davis

 Report Date:
 21 Aug 2023

Report Id: VOLVO0096 [WUSCAR] 05929152 (Generated: 08/21/2023 17:03:03) Rev: 1

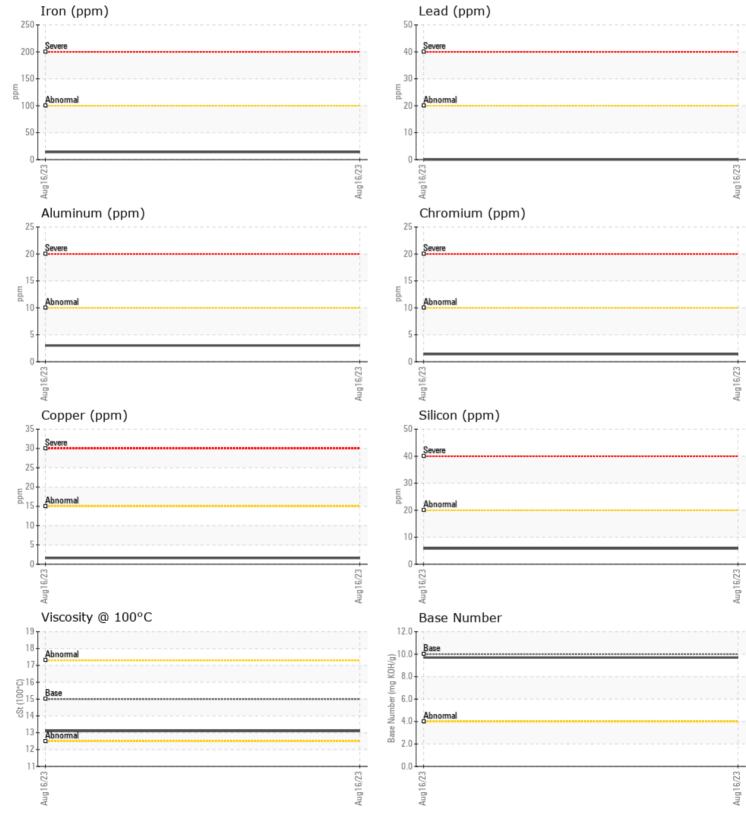
Contact/Location: Robert LaPlante - VOLVO0096

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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Contact/Location: Robert LaPlante - VOLVO0096