CONSTRUCTION EQUIPMENT 689592 ALL COUNTY VOLVO EC 140 314542 - DIESEL ENGINE

 Sample No:
 VCP438225

 Oil Type:
 VOLVO ULT

VOLVO

Job No:

Potassium

ppm

1

VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3 689592 ALL COUNTY

SAMPLE INFORMATION

Sample Number	VCP438225	VCP440370	
Sample Date	29 Mar 202	24 13 Nov 2023	
Machine Hours	3767	2892	
Oil Hours	0	0	
Oil Changed	Changed	Changed	
Sample Status	NORMAL	NORMAL	
OIL CONDITION			
	- 10 5		 -
Visc @ 100°C cSt		13.3	
Base Number (BN) mg	KOH/g ■9.0	9.7	
Oxidation (PA) %	84	82	
	N		
			 <u>.</u>
Water %	NEG	NEG	
Soot % %	0.4	0.3	
Nitration (PA) %	78	69	
Sulfation (PA) %	60	60	
Glycol %	NEG	NEG	
Fuel %	<1.0	<1.0	
Silicon ppr	m 6	6	
Sodium ppr	m 🔲 🛙	 <1	



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.

WEAR I	METALS			
Iron	ppm	14	11	
Copper	ppm	2	1	
Lead	ppm	□ <1	0	
Tin	ppm	0	1	
Aluminum	ppm	4	4	
Chromium	ppm	∎1	1	
Molybdenum	ppm	4 4	43	
Nickel	ppm		<1	
Titanium	ppm	0	0	
Silver	ppm	0	0	
Manganese	ppm	□ <1	<1	
Vanadium	ppm	<1	0	

0

ADDITIVES							
Calcium	ppm	1936	1799				
Magnesium	ppm	450	450				
Zinc	ppm	1193	1202				
Phosphorus	ppm	965	986				
Barium	ppm	0	0				
Boron	ppm	35	48				

 Depot:
 VOLVO0096

 Unique No:
 10968748

 Signed:
 Wes Davis

 Report Date:
 11 Apr 2024

Report Id: VOLVO0096 [WUSCAR] 06143940 (Generated: 04/11/2024 04:32:48) Rev: 1

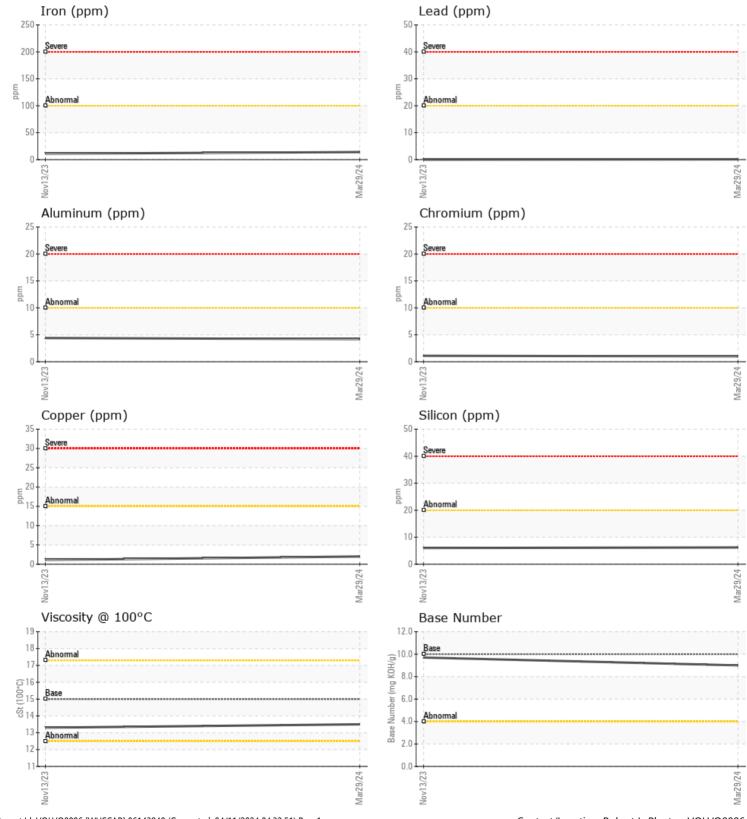
Contact/Location: Robert LaPlante - VOLVO0096

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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Contact/Location: Robert LaPlante - VOLVO0096