CONSTRUCTION EQUIPMENT 580184 ALTA RENTS VOLVO EC380 315520 - DIESEL ENGINE

 Sample No:
 VCP415542

 Oil Type:
 VOLVO ULT

ZOTAZ

Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3 Job No: 580184 ALTA RENTS

SAMPLE INFORMATION

Sample Number	-	VCP415542	 	
Sample Date		15 Jul 2023	 	
Machine Hours		1163	 	
Oil Hours		0	 	
Oil Changed		Changed	 	
Sample Status		ABNORMAL	 	
OIL CONDI				
		-		
Visc @ 100°C	cSt	11.7	 	
Base Number (BN)	mg KOH/g	7.6	 	
Oxidation (PA)	%	63	 	
CONTAMI				
		-		
Soot %	%	0.1	 	
Nitration (PA)	%	68	 	
Sulfation (PA)	%	56	 	
Glycol	%	NEG	 	
Fuel	%	0.3	 	
Silicon	ppm	8	 	
Sodium				
Sodium	ppm	2	 	
Potassium	ppm ppm	□ 2 □ <1	 	

WEAR METAL

WEAN I	METALS			
Iron	ppm	8	 	
Copper	ppm	A 70	 	
Lead	ppm	2	 	
Tin	ppm	1	 	
Aluminum	ppm	0	 	
Chromium	ppm	0	 	
Molybdenum	ppm	63	 	
Nickel	ppm	0	 	
Titanium	ppm	<1	 	
Silver	ppm	0	 	
Manganese	ppm	□<1	 	
Vanadium	ppm	<1	 	

ADUTIVES								
ppm	1228							
ppm	927							
ppm	1265							
ppm	1002							
ppm	0							
ppm								
	ppm ppm ppm ppm	ppm 927 ppm 1265 ppm 1002 ppm 0	ppm 927 ppm 1265 ppm 1002 ppm 0	ppm 927 ppm 1265 ppm 1002 ppm 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

Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor.The copper level is abnormal. All other component wear rates are normal. Fuel content negligible. There is no indication of any contamination in the oil. The oil viscosity is lower than normal. The BN result indicates that there is suitable alkalinity remaining in the oil. Confirm oil type.

 Depot:
 VOLVO0096

 Unique No:
 10564315

 Signed:
 Don Baldridge

 Report Date:
 21 Jul 2023

Report ld: VOLVO0096 [WUSCAR] 05902959 (Generated: 07/21/2023 14:18:10) Rev: 1

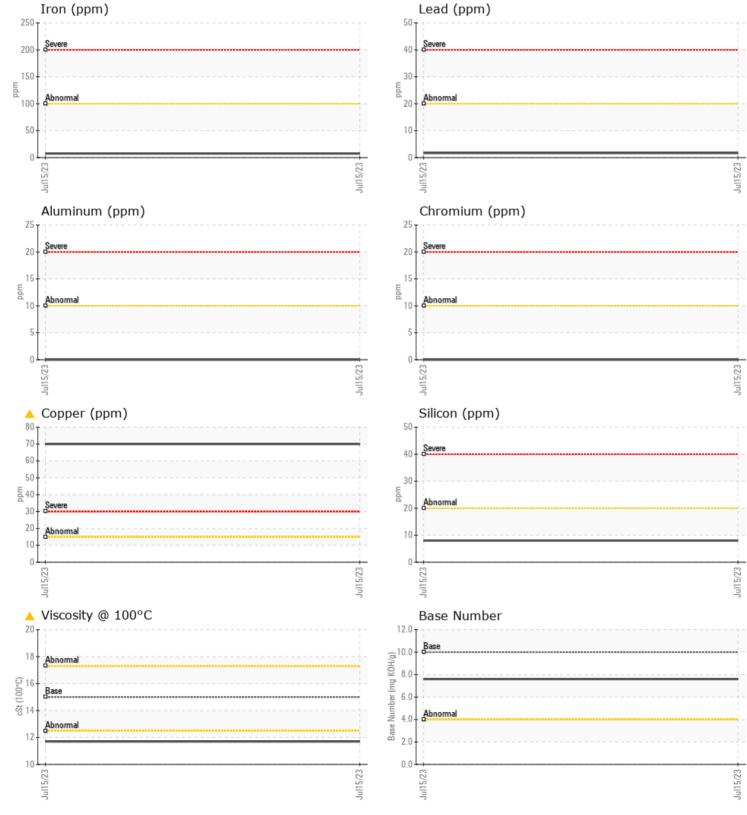
Contact/Location: Robert LaPlante - VOLVO0096

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO0096 [WUSCAR] 05902959 (Generated: 07/21/2023 14:18:12) Rev: 1

Contact/Location: Robert LaPlante - VOLVO0096