

CONSTRUCTION EQUIPMENT VOLVO EC380E 315203 - DIESEL ENGINE

VCP0007409 Sample No: **Oil Type:** NOT GIVEN

Job No:

	NFORMATION			
Sample Number	-	VCP0007409	 	
Sample Date		19 Oct 2023	 	
Machine Hours		0	 	
Oil Hours		0	 	
Oil Changed		N/A	 	
Sample Status		ABNORMAL	 	
OIL CONDI	TION			
Visc @ 100°C	cSt	10.4	 	
Base Number (BN)	mg KOH/g	4.7	 	
Oxidation (PA)	%	60	 	
	-	·	 	
Soot %	%	0.1	 	
Nitration (PA)	%	70	 	
Sulfation (PA)	%	56	 	
Glycol	%	NEG	 	
Fuel	%	0.6	 	
Silicon	ppm	25	 	
Sodium	ppm	4	 	
Potassium	ppm	3	 	
VOLVO				
WEAR ME	TALS			
Iron	ppm	13	 	
Copper	ppm	178	 	
Lead	ppm	4	 	
Tin	ppm	2	 	
Aluminum	ppm	2	 	
Chromium	ppm	□<1	 	
Molybdenum	ppm	83	 	
Nickel	ppm		 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	2	 	
Vanadium	ppm	0	 	

ADDITIVES								
Calcium	ppm	1987						
Magnesium	ppm	195						
Zinc	ppm	🔲 1199						
Phosphorus	ppm	956						
Barium	ppm	0						
Boron	ppm	11						



ALTA EQUIPMENT COMPANY

8750 PHILIPS HWY JACKSONVILLE, FL US 32256 Contact: SHAWN NORTHCRAFT shawn.northcraft@altg.com T: (904)737-6000 F: (904)737-1260

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. The copper level is abnormal. In the absence of other significant wear metals, suspect copper due to sources other than wear (i.e. cooling core). All other component wear rates are normal. Fuel content negligible. 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 acceptable for the time in service.

Depot: VOLVO0092 Unique No: 10710543 Signed: Don Baldridge Report Date: 28 Oct 2023

Submitted By: TECHNICIAN ACCOUNT

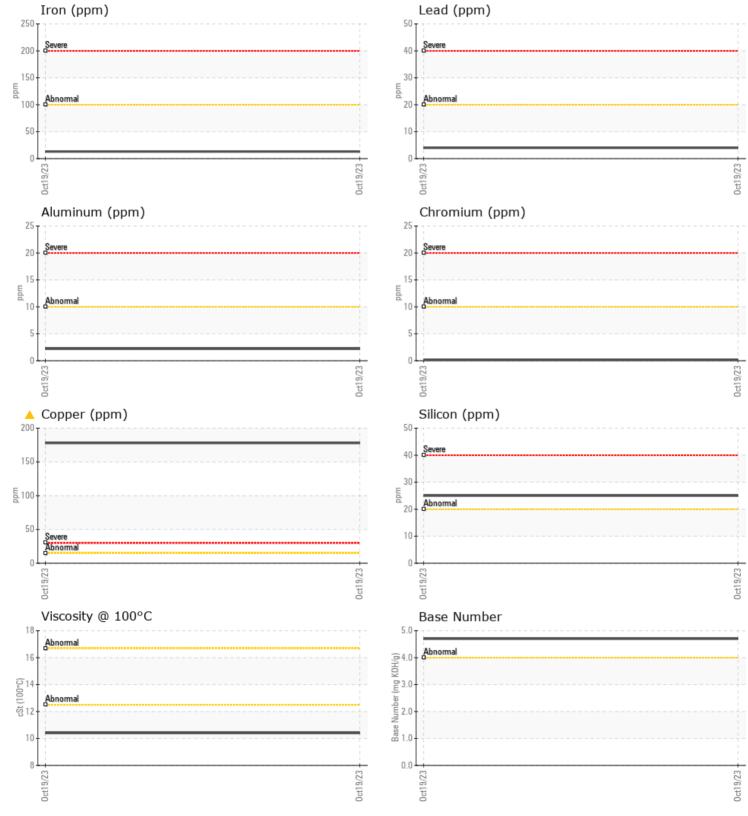
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CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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