CONSTRUCTION EQUIPMENT SWA323743-10 VOLVO L2OH 1220 - DIESEL ENGINE



 Sample No:
 VCP411680

 Oil Type:
 VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

 Job No:
 SWA323743-10

SAMPLE INFORMATION

VOLVO

Sample Number		VCP411680								
Sample Date		10 Aug 2023								
Machine Hours		827								
Oil Hours		0								
Oil Changed		Not Changd								
Sample Status		SEVERE								
			-	_						
Visc @ 100°C	cSt	🔺 10.1								
Base Number (BN)	mg KOH/g	8.3								
Oxidation (PA)	%	102								
CONTAMINATION										
Soot %	%	0.1								
Nitration (PA)	%	100								
Sulfation (PA)	%	65								
Glycol	%	NEG								
Fuel	%	🛑 11.0								
Silicon	ppm	17								
Sodium	ppm	6								
Potassium	ppm	2								

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WEAR I	METALS			
Iron	ppm	25	 	
Copper	ppm	■11	 	
Lead	ppm	□ <1	 	
Tin	ppm	■ <1	 	
Aluminum	ppm	8	 	
Chromium	ppm	■ <1	 	
Molybdenum	ppm	57	 	
Nickel	ppm	0	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	2	 	
Vanadium	ppm	0	 	

ADDITIVES Calcium ppm 1821 Magnesium 292 ppm 1133 Zinc ppm Phosphorus ppm 895 Barium 0 ppm Boron 134 ppm



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

We advise that you check the fuel injection system. We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition.All component wear rates are normal. There is a high amount of fuel present in the oil. Fuel is present in the oil and is lowering the viscosity. The BN result indicates that there is suitable alkalinity remaining in the oil. The oil is no longer serviceable due to the presence of contaminants.

 Depot:
 VOLVO0096

 Unique No:
 10604688

 Signed:
 Jonathan Hester

 Report Date:
 17 Aug 2023

Report Id: VOLVO0096 [WUSCAR] 05924741 (Generated: 08/17/2023 12:44:23) Rev: 1

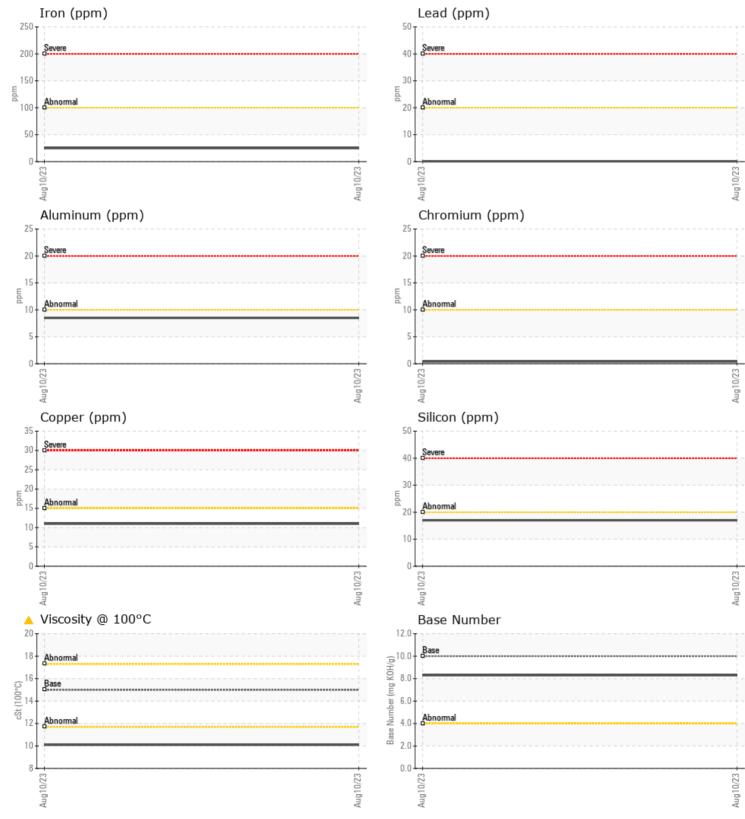
Contact/Location: Robert LaPlante - VOLVO0096

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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Contact/Location: Robert LaPlante - VOLVO0096