CONSTRUCTION EQUIPMENT SWA434756 ATL TRASH VOLVO L90H 627083 - DIESEL ENGINE

Sample No: VCP431610 **Oil Type:** VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3 Job No: SWA434756 ATL TRASH

SAMPLE INFORMATION

VOLVO

Sample Number		VCP431610				
Sample Date		12 Dec 2023				
Machine Hours		458				
Oil Hours		0				
Oil Changed		Changed				
Sample Status		NORMAL				
OIL CONDI						
					_	
Visc @ 100°C	cSt	12.6				
Base Number (BN)	mg KOH/g	9.6				
Oxidation (PA)	%	73				
CONTAMINATION						
Water	%	NEG				
Water Soot %	-	NEG				
	%					
Soot %	%	0.2				
Soot % Nitration (PA)	% % %	0.2 50				
Soot % Nitration (PA) Sulfation (PA)	% % % %	0.2 50 58				



ALTA EQUIPMENT COMPANY

5210 REESE ROAD DAVIE, FL US 33314 Contact: N. FACEY nfacey@altaequipfl.com T: (954)581-4744 F: (954)583-0318

Diagnosis

Resample at the next service interval to monitor.Metal levels are typical for a new component breaking in. 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 N	AFTALS			
	-		<u></u>	
Iron	ppm	25		
Copper	ppm	9		
Lead	ppm	1		
Tin	ppm	2		
Aluminum	ppm	9		
Chromium	ppm	2		
Molybdenum	ppm	38		
Nickel	ppm	 <1		
Titanium	ppm	<1		
Silver	ppm	0		
Manganese	ppm	5		
Vanadium	ppm	0		

ADDITIVES					
Calcium	ppm	1555			
Magnesium	ppm	557			
Zinc	ppm	1106			
Phosphorus	ppm	923			
Barium	ppm	16			
Boron	ppm	53			

Depot: VOLVO0095 Unique No: 10790961 Signed: Wes Davis Report Date: 16 Dec 2023

water	70	NEG	 	
Soot %	%	0.2	 	
Nitration (PA)	%	50	 	
Sulfation (PA)	%	58	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	22	 	
Sodium	ppm	1	 	
Potassium	ppm	4	 	

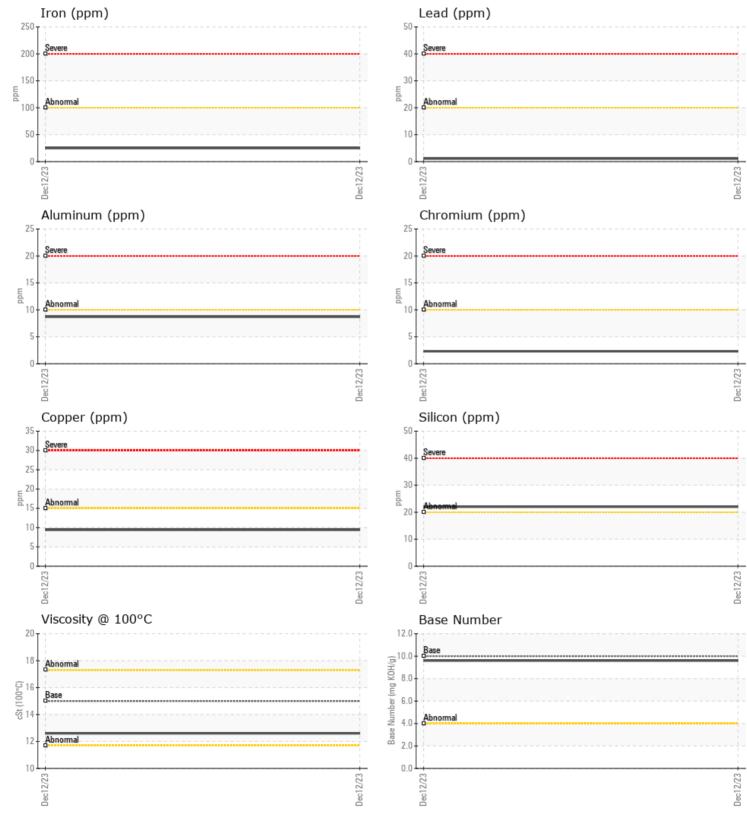
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CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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