

CONSTRUCTION EQUIPMENT VOLVO A40G 342661 - DIESEL ENGINE



Sample No:VCP0008128Oil Type:NOT GIVEN

Job No:

VOLVO				
	NFORMATION			
Sample Number	-	VCP0008128	 	
Sample Date		21 Dec 2023	 	
Machine Hours		4650	 	
Oil Hours		4650	 	
Oil Changed		N/A	 	
Sample Status		ABNORMAL	 	
OIL CONDI	TION			
Visc @ 100°C	cSt	■ 14.0	 	
Base Number (BN)	mg KOH/g	10.1	 	
Oxidation (PA)	%	51	 	
CONTAMIN	NATION			
Water	%	NEG	 	
Soot %	%	0.1	 	
Nitration (PA)	%	41	 	
Sulfation (PA)	%	48	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	6	 	
Sodium	ppm	<u> </u>	 	
Potassium	ppm	A 70	 	
VOLVO				
WEAR ME	TALS			
Iron	ppm	3	 	
Copper	ppm	11	 	
Lead	ppm	0	 	
Tin	nnm	■<1	 	



ALTA EQUIPMENT COMPANY

8750 PHILIPS HWY JACKSONVILLE, FL US 32256 Contact: TECHNICIAN ACCOUNT catherine.anastasio@wearcheck.com T: F: (904)737-1260

Diagnosis

No corrective action is recommended at this time. We recommend an early resample to monitor this condition.All component wear rates are normal. Sodium and/or potassium levels are high. Test for glycol is negative. 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	METALS					
Iron	ppm	3				
Copper	ppm	∎11				
Lead	ppm	0				
Tin	ppm					
Aluminum	ppm	 <1				
Chromium	ppm					
Molybdenum	ppm	57				
Nickel	ppm	0				
Titanium	ppm	<1				
Silver	ppm	0				
Manganese	ppm	<1				
Vanadium	ppm	0				
ADDITIVES						

	AL2			
Calcium	ppm	1164	 	
Magnesium	ppm	863	 	
Zinc	ppm	1218	 	
Phosphorus	ppm	1002	 	
Barium	ppm	0	 	
Boron	ppm	7	 	

 Depot:
 VOLVO0092

 Unique No:
 10808763

 Signed:
 Jonathan Hester

 Report Date:
 03 Jan 2024

Report Id: VOLVO0092 [WUSCAR] 06048155 (Generated: 01/03/2024 11:25:26) Rev: 1

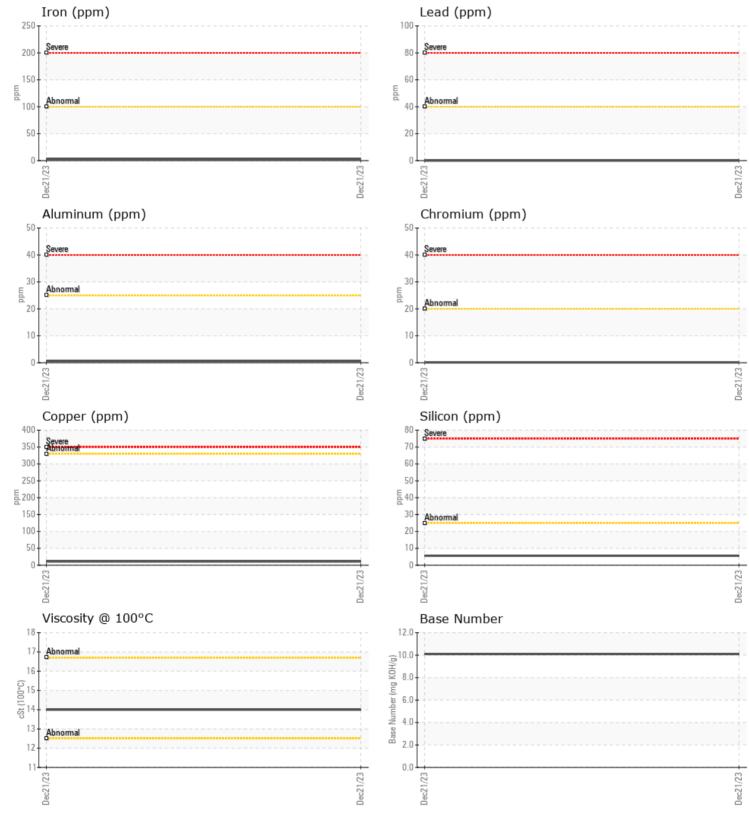
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CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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