## CONSTRUCTION EQUIPMENT 9804 VOLVO L90H 626689 - DIESEL ENGINE

VDS-3



### Sample No: VCP423111

TOTATO

Oil Type:	VOLVO ULTRA DIESEL ENGINE OIL 15W40
Job No:	9804

SAMPLE II	NFORMATION			
Sample Number	-	VCP423111	 	
Sample Date		25 Oct 2023	 	
Machine Hours		624	 	
Oil Hours		0	 	
Oil Changed		Changed	 	
Sample Status		NORMAL	 	
OIL CONDI	TION		 	
Visc @ 100°C	cSt	12.3	 	
Base Number (BN)	mg KOH/g	9.0	 	
Oxidation (PA)	%	72	 	
CONTAMI				
Soot %	-	0.2		
Nitration (PA)	%	58	 	
Sulfation (PA)	%	57	 	
Glycol	%	NEG		
Fuel	%	0.9	 	
Silicon		<b>1</b> 9	 	
Sodium	ppm	3	 	
Potassium	ppm	<b>1</b>	 	
rotassium	ppm			

IAA - INSURANCE AUTO AUCTIONS - METRO DC 14149 BRANDYWINE RD BRANDYWINE, MD US 20613 Contact:

### Diagnosis

T: F:

> No corrective action is recommended at this time. Resample at the next service interval to monitor.Metal levels are typical for a new component breaking in. 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 suitable for further service.

Potassium

WEAR I	METALS			
Iron	ppm	37	 	
Copper	ppm	<b>12</b>	 	
Lead	ppm	2	 	
Tin	ppm	3	 	
Aluminum	ppm	33	 	
Chromium	ppm	6	 	
Molybdenum	ppm	36	 	
Nickel	ppm	<b></b> <1	 	
Titanium	ppm	<1	 	
Silver	ppm	0	 	
Manganese	ppm	7	 	
Vanadium	ppm	0	 	

ADDITIVES						
Calcium	ppm	1442				
Magnesium	ppm	608				
Zinc	ppm	1123				
Phosphorus	ppm	940				
Barium	ppm	3				
Boron	ppm	<b>4</b> 4				

Depot:INSBRAMDUnique No:10714692Signed:Wes DavisReport Date:31 Oct 2023

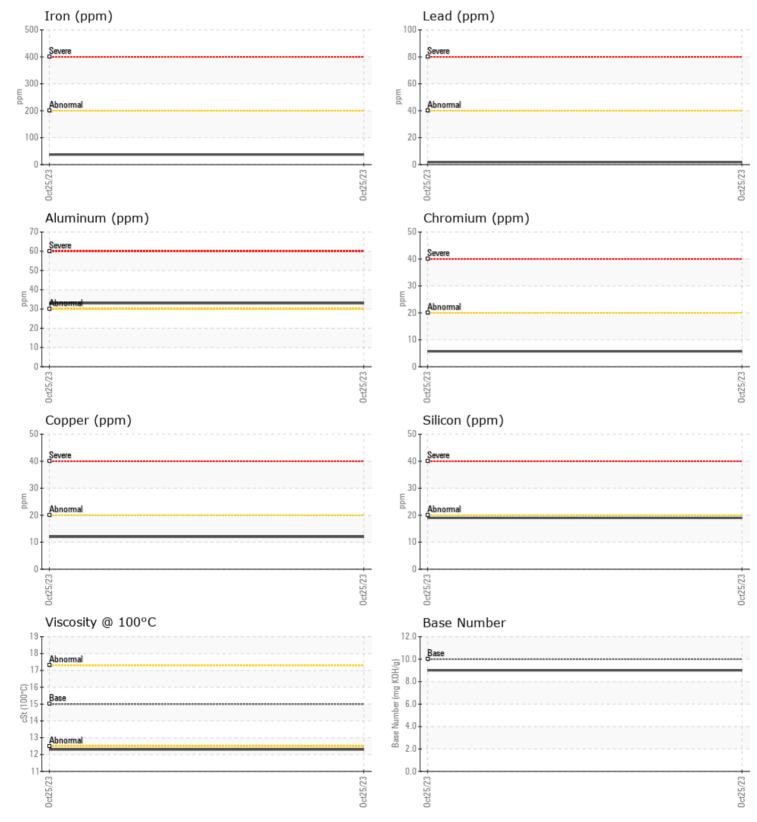
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# **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



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