

## **CONSTRUCTION EQUIPMENT**

700681 ALTA RENTS VOLVO A25G 752784 - DIESEL ENGINE

Sample No: VCP443740

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

**Job No:** 700681 ALTA RENTS

SAMPLE INFORMATION  Sample Number  VCP443740  Od 4 Apr 2024  Machine Hours  914  Oil Hours  Oil Changed  Changed  Changed  Sample Status  ATTENTION  Visc @ 100°C  Base Number (BN) mg KOH/g  66  Oxidation (PA)  Water  % NEG  Outdation (PA)  % 66  NEG  Silver  Ppm	VOLVO				
Sample Date  Machine Hours  914   0	SAMPLE II	NFORMATION			
Sample Date  Machine Hours  914   0	Sample Number		VCP443740	 	
Machine Hours         914			04 Apr 2024	 	
Oil Changed Changed				 	
Oil Changed Sample Status ATTENTION				 	
Sample Status				 	
Visc @ 100°C				 	
Nick   Oil   Condition			71112111011		
Base Number (BN) mg KOH/g	OIL CONDI	TION			
Base Number (BN) mg KOH/g	Visc @ 100°C	cSt	11.1	 	
Contamination   Contaminatio   Contamination   Contamination   Contamination   Contamination		ma KOH/a	<b>5.0</b>	 	
CONTAMINATION				 	
CONTAMINATION					
Neg	VOLVO	IATION			
Soot %	LUNIAMIN	NATIUN			
Nitration (PA)	Water	%	NEG	 	
Sulfation (PA)	Soot %	%	■ 0.4	 	
Glycol  %	Nitration (PA)	%	83	 	
Fuel % □ 0.3 Silicon ppm □ 30	Sulfation (PA)	%	61	 	
Silicon ppm	Glycol	%	NEG	 	
Sodium	Fuel	%	■ 0.3	 	
WEAR METALS           Iron         ppm         34              Copper         ppm         158              Lead         ppm         0              Tin         ppm         3              Aluminum         ppm         3              Chromium         ppm         <-1	Silicon	ppm	■30	 	
WEAR METALS           Iron         ppm         34              Copper         ppm         158              Lead         ppm         0              Tin         ppm         3              Aluminum         ppm         3              Chromium         ppm         <1	Sodium	ppm	<b>■</b> 3	 	
WEAR METALS           Iron         ppm         34              Copper         ppm         158              Lead         ppm         0              Tin         ppm         3              Aluminum         ppm         3              Chromium         ppm         <1	Potassium	ppm	<b></b>	 	
WEAR METALS           Iron         ppm         34  -					
Iron         ppm         34              Copper         ppm         158              Lead         ppm         0              Tin         ppm         3              Aluminum         ppm         3              Chromium         ppm         <1	VOLVO	TALC			
Copper         ppm         158   <	WEAK ME	I WF7			
Lead         ppm         0              Tin         ppm         3              Aluminum         ppm         3              Chromium         ppm         <1		ppm		 	
Tin         ppm         3              Aluminum         ppm         3              Chromium         ppm         <1	Copper	ppm	■158	 	
Aluminum       ppm       3            Chromium       ppm       <1		ppm		 	
Chromium         ppm	Tin	ppm	<b>■</b> 3	 	
Molybdenum         ppm         80              Nickel         ppm         4              Titanium         ppm         6              Silver         ppm         <1		ppm	<b>■</b> 3	 	
Nickel         ppm         4              Titanium         ppm         6              Silver         ppm         <1	Chromium	ppm		 	
Titanium         ppm         6              Silver         ppm         <1	•	ppm	■80	 	
Silver         ppm               Manganese         ppm         4              Vanadium         ppm         0	Nickel	ppm	<b>■</b> 4	 	
Manganese         ppm         4              Vanadium         ppm         0	Titanium	ppm	6	 	
Vanadium ppm <b>0</b>	Silver	ppm	<b>■</b> <1	 	
VOLVO	Manganese	ppm	<b>■</b> 4	 	
ADDITIVES	Vanadium	ppm	0	 	
ADDITIVES					
NDDILIAC2	ADDITIVE	7			
	ADDITIVE.	<b>,</b>			



## **ALTA EQUIPMENT/FLAGLER EQUIPMENT LLC** 9601 BOGGY CREEK RD

ORLANDO, FL US 32824 Contact: Robert LaPlante robert.laplante@altg.com T: (407)508-9736

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### Diagnosis

Oil and filter change at the time of sampling has been noted. 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 oil viscosity is lower than normal. The BN result indicates that there is suitable alkalinity remaining in the oil. Confirm oil type.

Depot:VOLVO0096Unique No:10965811Signed:Jonathan HesterReport Date:15 Apr 2024

Contact/Location: Robert LaPlante - VOLVO0096

ppm

ppm

ppm

ppm

ppm

ppm

**2206** 

63

■ 1181 ■ 1011

**0** 

**24** 

Calcium

Zinc

Barium

Boron

Magnesium

Phosphorus



# **CONSTRUCTION EQUIPMENT**





#### GRAPH

