CONSTRUCTION EQUIPMENT RENTALS VOLVO A25G 740348 - DIESEL ENGINE



Sample No:VCP440085Oil Type:DIESEL ENGINE OIL SAE 15W40

VOLVO

Job No:

RENTALS

SAMPLE INFORMATION VCP440085 Sample Number VCP440043 VCP0007705 Sample Date 19 Jun 2024 18 Feb 2024 05 May 2023 Machine Hours 11853 11358 0 Oil Hours 0 0 0 Changed Oil Changed N/A N/A SEVERE Sample Status SEVERE NORMAL **OIL CONDITION** 14.3 Visc @ 100°C cSt **10.7 1**0.0 Base Number (BN) mg KOH/g 8.9 7.2 7.0 Oxidation (PA) 80 55 % 77 CONTAMINATION Water % NEG NEG NEG Soot % % 0.1 0.2 0.2 % Nitration (PA) 63 79 70 Sulfation (PA) % 58 57 53

Sunation (FA)	70	50	JI	55	
Glycol	%	NEG	NEG	NEG	
Fuel	%	8.0	▲ 9.4	<1.0	
Silicon	ppm	4	7	8	
Sodium	ppm	2	3	5	
Potassium	ppm	0	4	2	

WLAK I	METALS				
Iron	ppm	4	10	6	
Copper	ppm		6	 <1	
Lead	ppm	0	<1	0	
Tin	ppm	0	1	 <1	
Aluminum	ppm	2	4	7	
Chromium	ppm	0	<1	 <1	
Molybdenum	ppm	38	34	28	
Nickel	ppm	0	<1	0	
Titanium	ppm	 <1	6	52	
Silver	ppm	0	0	0	
Manganese	ppm	■ <1	<1	< 1	
Vanadium	ppm	<1	<1	0	

ADDITIVES							
Calcium	ppm	1664	1354	1612			
Magnesium	ppm	474	443	458			
Zinc	ppm	1063	992	1097			
Phosphorus	ppm	928	824	893			
Barium	ppm	0	1	0			
Boron	ppm	35	35	101			



ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC

8418 PALM RIVER ROAD TAMPA, FL US 33619 Contact: KENNY HANEY khaney@flaglerce.com T: (813)630-0077 F: (813)630-2233

Diagnosis

We advise that you check the fuel injection system. The oil change at the time of sampling has been noted. 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. Tests confirm the presence of fuel in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. Fuel is present in the oil and is lowering the viscosity. The oil is no longer serviceable due to the presence of contaminants.

 Depot:
 VOLVO0093

 Unique No:
 11090618

 Signed:
 Wes Davis

 Report Date:
 26 Jun 2024

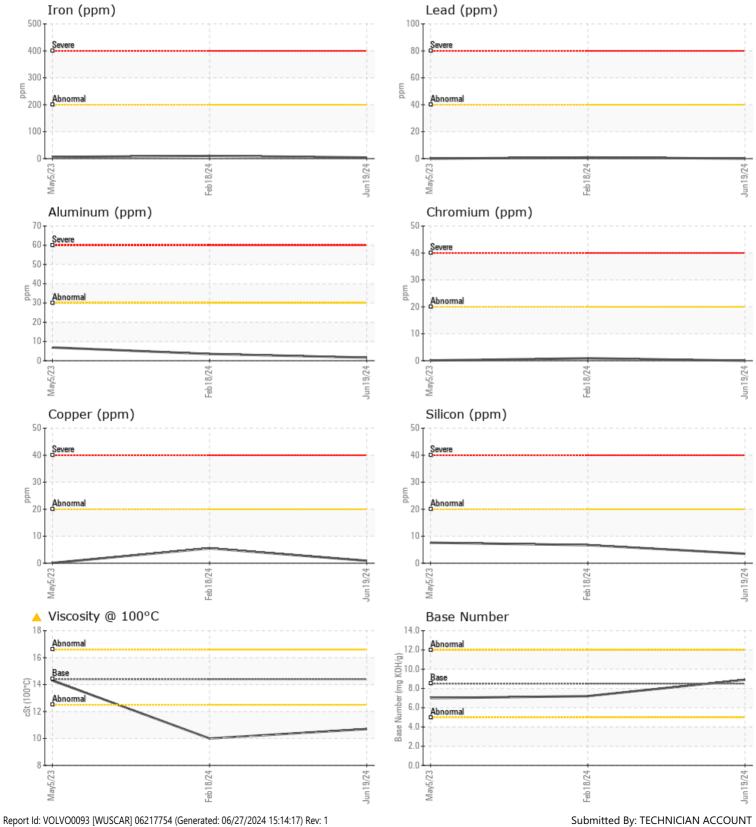
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CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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