CONSTRUCTION EQUIPMENT 716767 HILLSBOROUGH VOLVO EW 160E 324250 - DIESEL ENGINE

Sample No: VCP445564

VOLVO

Oil Type:	VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No:	716767 HILLSBOROUGH

SAMPLE INFORMATION VCP445564 Sample Number Sample Date 23 May 2024 Machine Hours 1002 Oil Hours 500 Changed Oil Changed ATTENTION Sample Status **OIL CONDITION** Visc @ 100°C cSt 10.8 Base Number (BN) mg KOH/g 8.7 Oxidation (PA) 80 % CONTAMINATION % NEG Water % Soot % 0.1

5000 /0	/0			
Nitration (PA)	%	62	 	
Sulfation (PA)	%	58	 	
Glycol	%	NEG	 	
Fuel	%	0.4	 	
Silicon	ppm	1 4	 	
Sodium	ppm	3	 	
Potassium	ppm	2	 	

WLAK I	METALS			
Iron	ppm	17	 	
Copper	ppm	5	 	
Lead	ppm	0	 	
Tin	ppm	0	 	
Aluminum	ppm	2	 	
Chromium	ppm		 	
Molybdenum	ppm	35	 	
Nickel	ppm	4	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	2	 	
Vanadium	ppm	0	 	

ADDITI	VES			
Calcium	ppm	1553	 	
Magnesium	ppm	499	 	
Zinc	ppm	1017	 	
Phosphorus	ppm	897	 	
Barium	ppm	□ <1	 	
Boron	ppm	24	 	

ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC

8418 PALM RIVER ROAD TAMPA, FL US 33619 Contact: JOHN FARDELLA john.fardella@altg.com T: (813)630-0077 F: (813)630-2233

Diagnosis

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.All component wear rates are normal. 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.

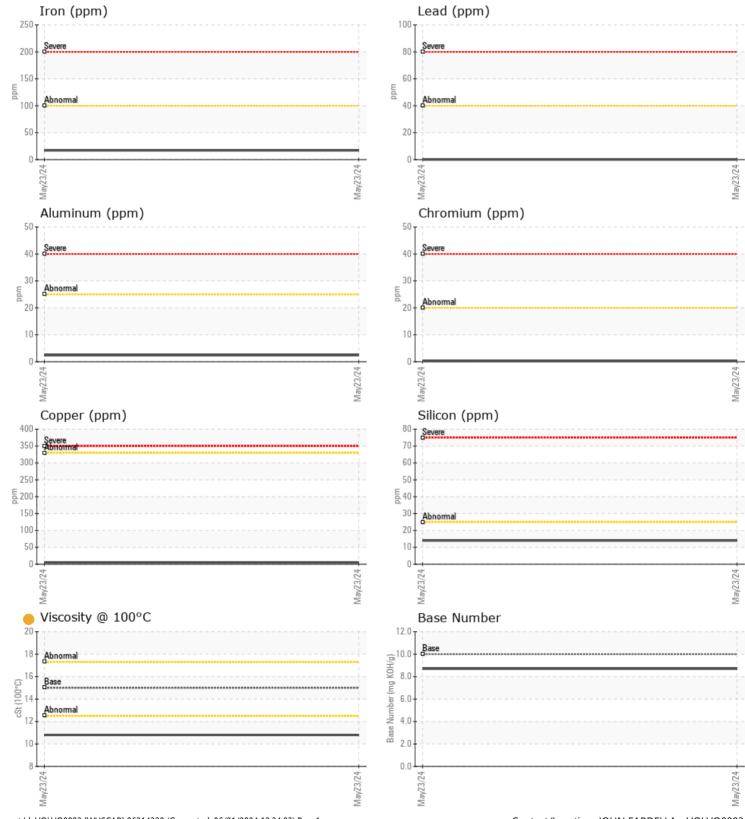
Depot: VOLVO0093 Unique No: 11087192 Signed: Don Baldridge Report Date: 21 Jun 2024

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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Contact/Location: JOHN FARDELLA - VOLVO0093