CONSTRUCTION EQUIPMENT 433891 PATRICK OHMST VOLVO SD25D 194145 - DIESEL ENGINE

Sample No: VCP368738

VOLVO

Oil Type:	VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No:	433891 PATRICK OHMST

SAMPLE INFORMATION VCP368738 Sample Number Sample Date 11 Dec 2023 Machine Hours 0 Oil Hours 500 Oil Changed Changed MARGINAL Sample Status **OIL CONDITION** Visc @ 100°C cSt **11.7** Base Number (BN) mg KOH/g 9.2 Oxidation (PA) % 61 CONTAMINATION NEG % Water

Soot %	%	0.2	 	
Nitration (PA)	%	53	 	
Sulfation (PA)	%	53	 	
Glycol	%	NEG	 	
Fuel	%	2.8	 	
Silicon	ppm	6	 	
Sodium	ppm	3	 	
Potassium	ppm	0	 	

WEAR MET

WLAR I	METALS			
Iron	ppm	9	 	
Copper	ppm		 	
Lead	ppm	0	 	
Tin	ppm		 	
Aluminum	ppm	2	 	
Chromium	ppm		 	
Molybdenum	ppm	54	 	
Nickel	ppm	0	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	□<1	 	
Vanadium	ppm	0	 	

ADDITI	VES			
Calcium	ppm	1704	 	
Magnesium	ppm	405	 	
Zinc	ppm	1068	 	
Phosphorus	ppm	960	 	
Barium	ppm	0	 	
Boron	ppm	3	 	

ALTA EQUIPMENT

5985 COURT STREET ROAD SYRACUSE, NY US 13206 Contact: JIM STRIGLE JIM.STRIGLE@ALTG.COM T: (315)437-2611 F: (315)434-9471

Diagnosis

The oil 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:
 VOLVO0142

 Unique No:
 10896437

 Signed:
 Jonathan Hester

 Report Date:
 28 Feb 2024

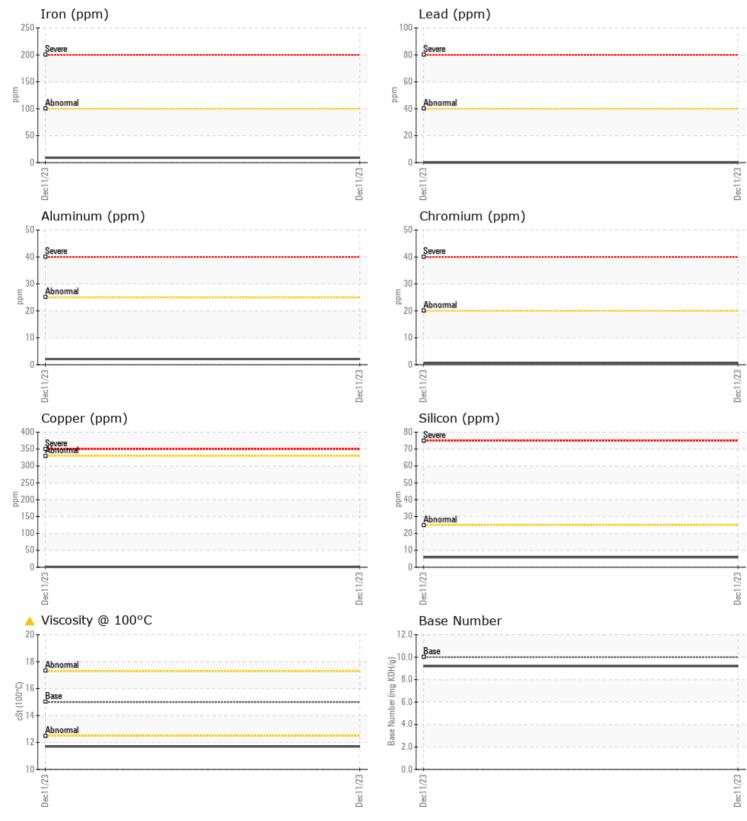
Contact/Location: JIM STRIGLE - VOLVO0142

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO0142 [WUSCAR] 06098207 (Generated: 02/28/2024 08:00:55) Rev: 1

Contact/Location: JIM STRIGLE - VOLVO0142