CONSTRUCTION EQUIPMENT 20979 VOLVO A25G 42425 - DIESEL ENGINE



Sample No: VCP083840

VOLVO

Oil Type:	VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No:	20979

SAMPLE INFORMATION VCP083840 Sample Number Sample Date 13 Nov 2023 Machine Hours 1593 Oil Hours 500 Oil Changed N/A NORMAL Sample Status **OIL CONDITION** Visc @ 100°C cSt 12.1 Base Number (BN) mg KOH/g 10.0 Oxidation (PA) 75 % CONTAMINATION NEG Water % Soot % % 0.1 43 Nitration (PA) %

Sulfation (PA)	%	60	 	
Glycol	%	NEG	 	
Fuel	%	2.3	 	
Silicon	ppm	4	 	
Sodium	ppm	2	 	
Potassium	ppm	0	 	

WEAR METALS

WEAR I	METALS			
Iron	ppm	<1	 	
Copper	ppm	3	 	
Lead	ppm	0	 	
Tin	ppm	□ <1	 	
Aluminum	ppm	1	 	
Chromium	ppm	0	 	
Molybdenum	ppm	45	 	
Nickel	ppm	0	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	□<1	 	
Vanadium	maa	0	 	

ADDITIVES 1512 Calcium ppm 482 Magnesium ppm ppm Zinc 1036 872 Phosphorus ppm Barium 0 🔲 ppm Boron ppm 106



520 - ASCENDUM MACHINERY INC - KNOXVILLE

5730 RUTLEDGE PIKE KNOXVILLE, TN US 37924 Contact: BRANDON GRANT brandon.grant@ascendummachinery.com T: (865)525-1845 F: (865)525-0251

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor.All component wear rates are normal. Light fuel dilution occurring. No other contaminants were detected 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.

 Depot:
 VOLV00124

 Unique No:
 10743046

 Signed:
 Wes Davis

 Report Date:
 20 Nov 2023

Report Id: VOLVO0124 [WUSCAR] 06009284 (Generated: 11/20/2023 12:36:04) Rev: 1

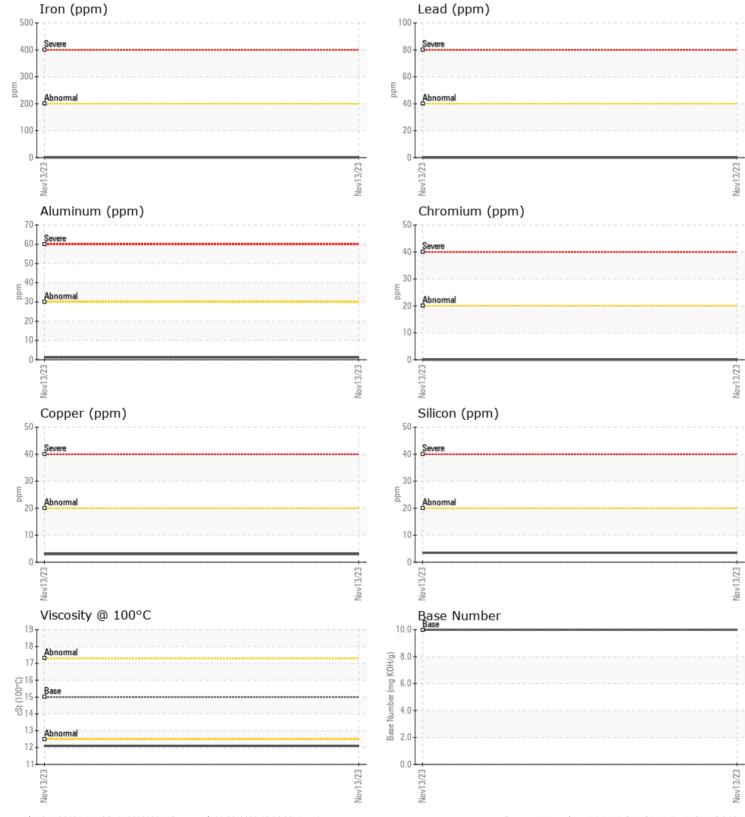
Contact/Location: BRANDON GRANT - VOLVO0124

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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Contact/Location: BRANDON GRANT - VOLVO0124