CONSTRUCTION EQUIPMENT 24108 VOLVO A45G 353374 - DIESEL ENGINE



Sample No: VCP433648

VOLVO

Oil Type:	VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No:	24108

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SAMPLE INFORMATION VCP433648 Sample Number Sample Date 26 Sep 2023 Machine Hours 2653 Oil Hours 1000 Oil Changed Changed NORMAL Sample Status **OIL CONDITION** Visc @ 100°C cSt 12.8 Base Number (BN) mg KOH/g 6.8 Oxidation (PA) 59 % CONTAMINATION 0.3 % Soot % Nitration (PA) % 59 Sulfation (PA) % 58 % NEG Glycol Fuel % <1.0



218 - ASCENDUM MACHINERY INC - N. CHARLESTON

7235 CROSS COUNTRY RD. NORTH CHARLESTON, SC US 29418 Contact: MATT MITCHAM matt.mitcham@ascendummachinery.com T: F: (843)414-1129

Diagnosis

Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is acceptable for the time in service.

Potassium

ppm

ppm

ppm

Silicon

Sodium

WEAR N	METALS			
Iron	ppm	9	 	
Copper	ppm	6	 	
Lead	ppm	2	 	
Tin	ppm	1	 	
Aluminum	ppm	2	 	
Chromium	ppm	 <1	 	
Molybdenum	ppm	106	 	
Nickel	ppm	1	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	1	 	
Vanadium	ppm	0	 	

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ADDITIVES							
Calcium	ppm	1647					
Magnesium	ppm	523					
Zinc	ppm	1435					
Phosphorus	ppm	1191					
Barium	ppm	0					
Boron	ppm	505					

 Depot:
 VOLVO3387

 Unique No:
 10672677

 Signed:
 Don Baldridge

 Report Date:
 03 Oct 2023

Report Id: VOLVO3387 [WUSCAR] 05966126 (Generated: 10/03/2023 13:31:21) Rev: 1

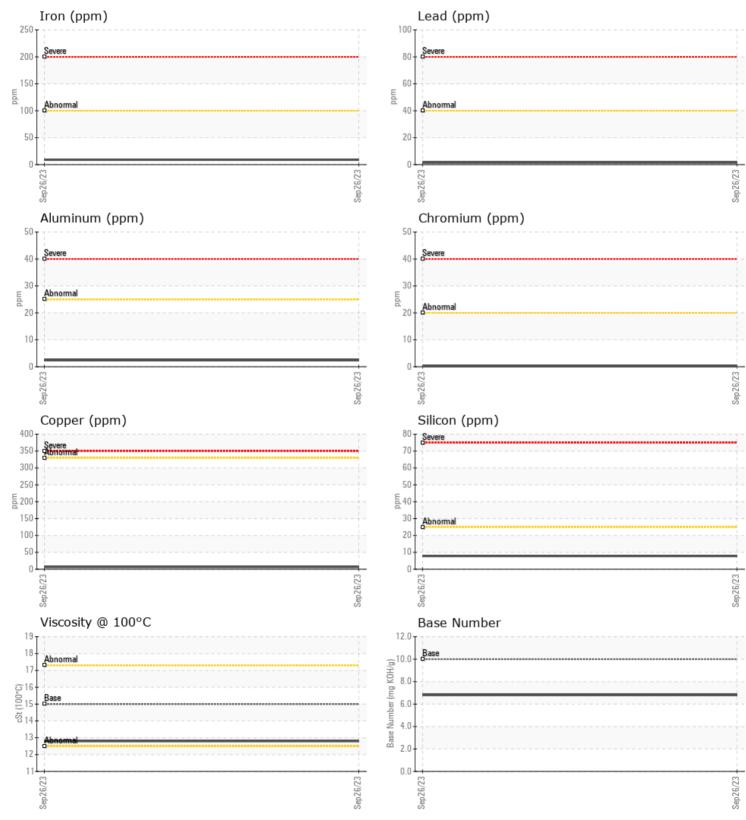
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CONSTRUCTION EQUIPMENT



GRAPHS

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