VOLVO **CONSTRUCTION EQUIPMENT** VOLVO EC160E 323018 - DIESEL ENGINE 58699

Sample No: VCP370368

Oil Type:	VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No:	58699

SAMPLE INFORMATION VCP370368 Sample Number Sample Date 10 Aug 2023 Machine Hours 2900 Oil Hours 0 Oil Changed Changed NORMAL Sample Status



CONTAMINATION							
Soot %	%	0.1					
Nitration (PA)	%	58					
Sulfation (PA)	%	49					
Glycol	%	NEG					
Fuel	%	<1.0					
Silicon	ppm	5					
Sodium	ppm	2					
Potassium	ppm	4					

WEAR N	METALS			
Iron	ppm	1 0	 	
Copper	ppm	∎1	 	
Lead	ppm	□<1	 	
Tin	ppm	1	 	
Aluminum	ppm	4	 	
Chromium	ppm		 	
Molybdenum	ppm	63	 	
Nickel	ppm		 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	□<1	 	
Vanadium	ppm	0	 	

ADDITIVES 1154 Calcium ppm Magnesium 944 ppm ppm 1334 Zinc Phosphorus ppm 1083 Barium 0 🔲 ppm Boron 15 ppm



114 - ASCENDUM MACHINERY INC - CONCORD 1025 INTERNATIONAL DR NW CONCORD, NC US 28027 Contact: CEB SMITH ceb.smith@ascendummachinery.com

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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 suitable for further service.

Depot: VOLVO0016 Unique No: Signed: Report Date:

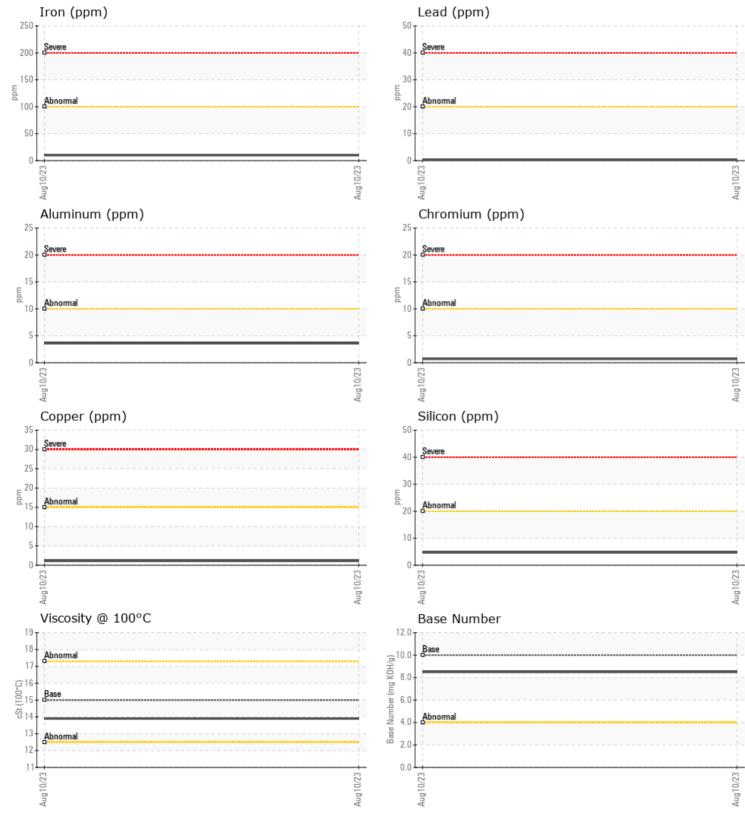
10601861 Don Baldridge 12 Aug 2023

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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Contact/Location: CEB SMITH - VOLVO0016