VOLVO

CONSTRUCTION EQUIPMENT 8112 VOLVO ECR235E 316178 - DIESEL ENGINE



 Sample No:
 VCP418744

 Oil Type:
 MOBIL/VOLVO 15W40

 Job No:
 8112

SAMPLE INFORMATION VCP418744 Sample Number Sample Date 28 Mar 2024 Machine Hours 194 Oil Hours 194 Oil Changed Not Changd NORMAL Sample Status **OIL CONDITION** Visc @ 100°C cSt 13.6 6.1 Base Number (BN) mg KOH/g Oxidation (PA) 50 % CONTAMINATION % NEG Water % Soot % 0.1

Nitration (PA)	%	63	 	
Sulfation (PA)	%	49	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	1 0	 	
Sodium	ppm	1	 	
Potassium	ppm	1	 	

WEAR METALS

Iron	ppm	1 0	 	
Copper	ppm	6	 	
Lead	ppm	2	 	
Tin	ppm	2	 	
Aluminum	ppm	2	 	
Chromium	ppm	■ <1	 	
Molybdenum	ppm	7	 	
Nickel	ppm	5	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	3	 	
Vanadium	ppm	<1	 	

ADDITIVES							
Calcium	ppm	2408					
Magnesium	ppm	120					
Zinc	ppm	1214					
Phosphorus	ppm	983					
Barium	ppm	2					
Boron	ppm	7					



MCCLUNG-LOGAN EQUIPMENT CO - MANASSAS

8450 QUARRY ROAD MANASSAS, VA US 20110 Contact: DAN CARR dcarr@mcclung-logan.com T: F: (703)393-7844

Diagnosis

Resample at the next service interval to monitor. (possible oil consumption).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:
 VOLVO0002

 Unique No:
 10963924

 Signed:
 Don Baldridge

 Report Date:
 06 Apr 2024

Report Id: VOLVO0002 [WUSCAR] 06139116 (Generated: 04/06/2024 13:56:08) Rev: 1

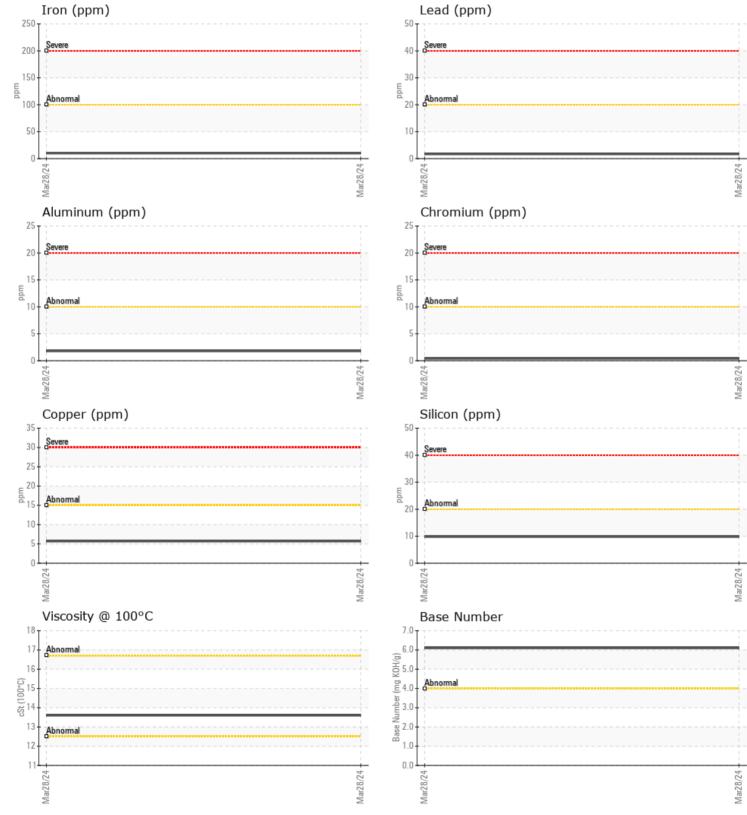
Contact/Location: DAN CARR - VOLVO0002

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO0002 [WUSCAR] 06139116 (Generated: 04/06/2024 13:56:10) Rev: 1

Contact/Location: DAN CARR - VOLVO0002