

CONSTRUCTION EQUIPMENT 1212 BERGMAN C815S 5922 - DIESEL ENGINE



Sample No: VCP441688

Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

Job No: 1212

JAIH LL	INFORMATION			
Sample Number		VCP441688	 	
Sample Date		08 Nov 2023	 	
Machine Hours		729	 	
Oil Hours		0	 	
Oil Changed		Changed	 	
Sample Status		ABNORMAL	 	
VOLVO	ITION			
OIL COND				
Visc @ 100°C	cSt	12.7	 	
Base Number (BN)	mg KOH/g	■8.1	 	
Oxidation (PA)	%	84	 	
CONTAM	INATION			
_		NEG	 	
Water	%			
Soot %	%	■0.8	 	
Nitration (PA)	%	132	 	
Sulfation (PA)	%	63	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	21	 	
Sodium	ppm	11	 	
Potassium	ppm	2	 	
VOLVO				
WEAR M	ETALS			
Iron	ppm	176	 	
Copper	ppm	100	 	
Lead	ppm	2	 	
Tin	ppm	1	 	
Aluminum	ppm	4	 	
Chromium	ppm	3	 	
Molybdenum	ppm	6	 	
Nickel	ppm	<1	 	
Titanium	ppm	3	 	
Silver	ppm	0	 	
Manganese	ppm	6	 	
	PP'''			



VCES- VOLVO CONSTRUCTION EQUIPMENT 8594 FRUITRIDGE ROAD SACRAMENTO, CA US 95826 Contact: RAY KRANZUSCH ray.kranzusch@vcesvolvo.com T:

Diagnosis

F:

Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. Cylinder, crank, or cam shaft wear is indicated. All other metal levels are typical for a new component breaking in. 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.

Depot:VOLVO4485Unique No:10753836Signed:Don BaldridgeReport Date:25 Nov 2023

ppm

ppm

ppm

ppm

ppm

ppm

Calcium

Zinc

Barium

Boron

Magnesium

Phosphorus

■3150

142

975

759

118

5



CONSTRUCTION EQUIPMENT





