VOLVO

CONSTRUCTION EQUIPMENT 633489 BERGMANN C8155 6496 - DIESEL ENGINE



Sample No:	VCP432197
Oil Type:	BERGMANN 15W40
Job No:	633489

SAMPLE INFORMATION

Sample Number	-	VCP432197	 	
Sample Date		10 Nov 2023	 	
Machine Hours		566	 	
Oil Hours		566	 	
Oil Changed		Changed	 	
Sample Status		NORMAL	 	
OIL CONDIT	LION			
Visc @ 100°C	cSt	12.8	 	
Base Number (BN)	mg KOH/g	9.3	 	
Oxidation (PA)	%	72	 	

CONTAI	MINATION			
Water	%	NEG	 	
Soot %	%	1.2	 	
Nitration (PA)	%	80	 	
Sulfation (PA)	%	65	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	30	 	
Sodium	ppm	6	 	
Potassium	ppm	□ 4	 	

WEAR METAL

WLAK I	METALS			
Iron	ppm	149	 	
Copper	ppm	64	 	
Lead	ppm	 <1	 	
Tin	ppm	1	 	
Aluminum	ppm	2	 	
Chromium	ppm	3	 	
Molybdenum	ppm	40	 	
Nickel	ppm	 <1	 	
Titanium	ppm	<1	 	
Silver	ppm	0	 	
Manganese	ppm	6	 	
Vanadium	ppm	<1	 	

ADDIT	IVES			
Calcium	ppm	2851	 	
Magnesium	ppm	168	 	
Zinc	ppm	1043	 	
Phosphorus	ppm	835	 	
Barium	ppm	7	 	
Boron	ppm	153	 	



RIPA AND ASSOCIATES

10149 FISHER AVENUE TAMPA, FL US 33619 Contact: ROBERT TURNER rturner@ripatampa.com T: F:

Diagnosis

Resample at the next service interval to monitor.Metal levels are typical for a components first oil change. 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:
 RIPTAM

 Unique No:
 10764769

 Signed:
 Wes Davis

 Report Date:
 30 Nov 2023

Report Id: RIPTAM [WUSCAR] 06020269 (Generated: 11/30/2023 09:34:28) Rev: 1

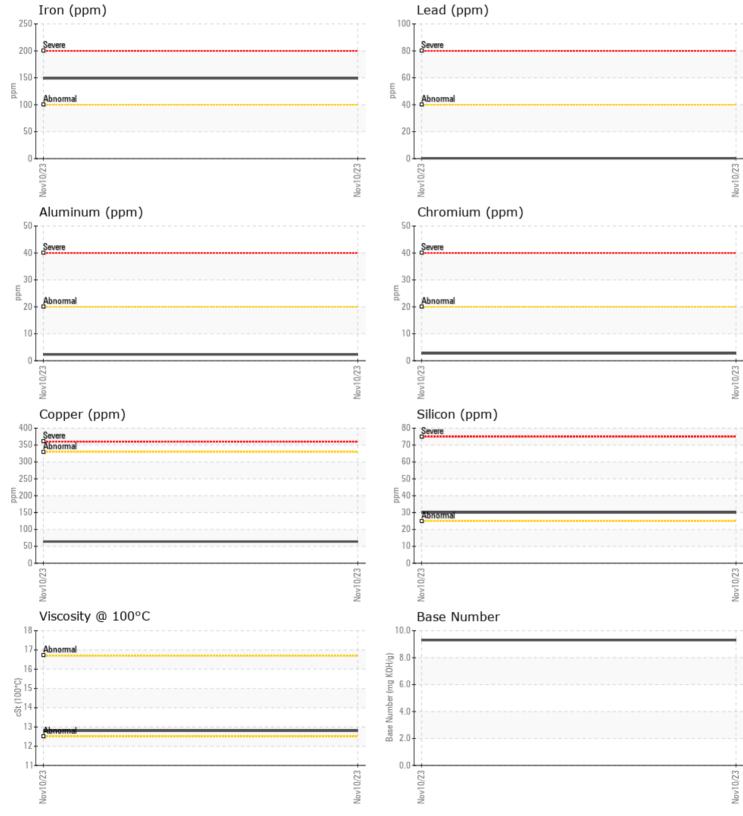
Contact/Location: ROBERT TURNER - RIPTAM

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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Contact/Location: ROBERT TURNER - RIPTAM