CONSTRUCTION EQUIPMENT RENTAL VOLVO A40G 340097 - DIESEL ENGINE



Sample No: VCP425144 Oil Type: VOLVO ULT

VOLVO

VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

Job No:

RENTAL

SAMPLE I	NFORMATION			
Sample Number	-	VCP425144	 	
Sample Date		11 Aug 2023	 	
Machine Hours		5294	 	
Oil Hours		0	 	
Oil Changed		Changed	 	
Sample Status		NORMAL	 	
OIL COND	ITION			
Visc @ 100°C	cSt	12.5	 	
Base Number (BN)	mg KOH/g	9.8	 	
Oxidation (PA)	%	78	 	
CONTAMI	NATION	_		
Soot %	%	0.2	 	
Nitration (PA)	%	60	 	
Sulfation (PA)	%	59	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	6	 	
Sodium	ppm	3	 	
Potassium	ppm	 <1	 	



RIPA AND ASSOCIATES

10149 FISHER AVENUE TAMPA, FL US 33619 Contact: PM Services PMServices@ripaconstruction.com T: F:

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.

Potassium

WEAR I	METALS			
Iron	ppm	14	 	
Copper	ppm	3	 	
Lead	ppm	 <1	 	
Tin	ppm		 	
Aluminum	ppm	4	 	
Chromium	ppm	■ <1	 	
Molybdenum	ppm	44	 	
Nickel	ppm		 	
Titanium	ppm	<1	 	
Silver	ppm	0	 	
Manganese	ppm	■<1	 	
Vanadium	ppm	<1	 	

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ADDITIVES							
Calcium	ppm	1900					
Magnesium	ppm	564					
Zinc	ppm	🔲 1199					
Phosphorus	ppm	985					
Barium	ppm	0					
Boron	ppm	45					

 Depot:
 RIPTAM

 Unique No:
 10649661

 Signed:
 Wes Davis

 Report Date:
 20 Sep 2023

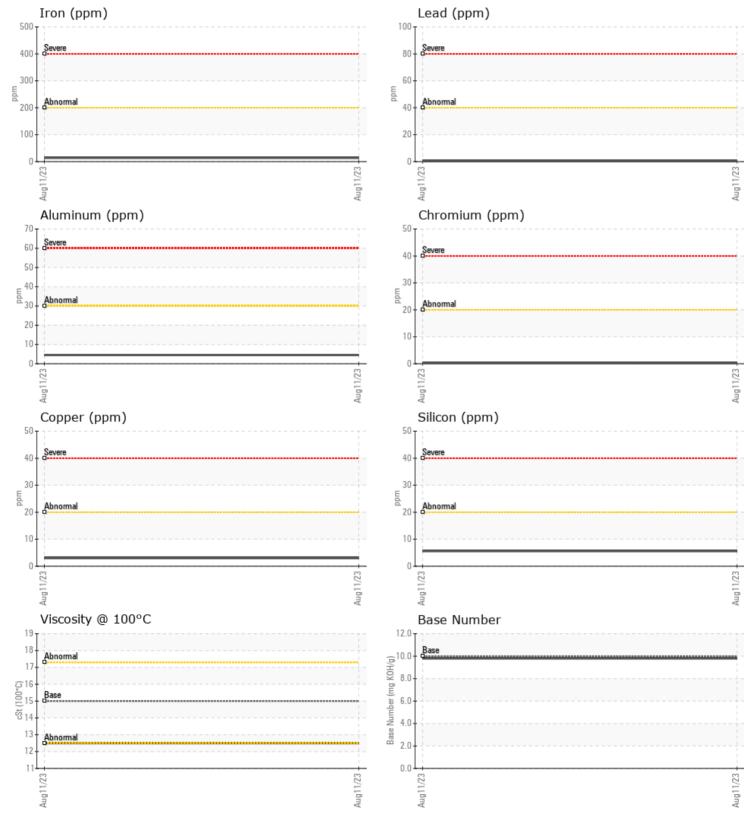
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CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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Contact/Location: PM Services ? - RIPTAM