CONSTRUCTION EQUIPMENT W07014050 RYAN CENTR VOLVO A45G 353598 - DIESEL ENGINE

Sample No: VCP407993

VOLVO

Oil Type: DIESEL ENGINE OIL SAE 15W40 Job No: W07014050 RYAN CENTR

Job No:

SAMPLE INFORMATION VCP407993 Sample Number Sample Date 28 Dec 2023 Machine Hours 885 Oil Hours 270 Oil Changed Not Changd ATTENTION Sample Status **OIL CONDITION** Visc @ 100°C cSt **11.8** Base Number (BN) mg KOH/g 6.5 Oxidation (PA) % 65 CONTAMINATION % NEG Wator

vvalei	/0	INEG	 	
Soot %	%	0.2	 	
Nitration (PA)	%	76	 	
Sulfation (PA)	%	54	 	
Glycol	%	NEG	 	
Fuel	%	0.9	 	
Silicon	ppm	8	 	
Sodium	ppm	2	 	
Potassium	ppm	0	 	

WEAR METALS

	METALS			
Iron	ppm	8	 	
Copper	ppm	100	 	
Lead	ppm	2	 	
Tin	ppm	2	 	
Aluminum	ppm	2	 	
Chromium	ppm	■ <1	 	
Molybdenum	ppm	125	 	
Nickel	ppm	■ <1	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	 <1	 	
Vanadium	ppm	<1	 	

ADDITIVES						
Calcium	ppm	1597				
Magnesium	ppm	603				
Zinc	ppm	1001				
Phosphorus	ppm	839				
Barium	ppm	0				
Boron	ppm	70				



MCCLUNG-LOGAN EQUIPMENT CO - RICHMOND

1345 MOUNTAIN ROAD GLEN ALLEN, VA US 23060 Contact: KYLE RATLIFFE KRATLIFFE@MCCLUNG-LOGAN.COM T: F: (804)266-1611

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor.Metal levels are typical for a new component breaking in. Fuel content negligible. There is no indication of any contamination in the oil. The oil viscosity is lower than normal. The BN result indicates that there is suitable alkalinity remaining in the oil. Confirm oil type.

 Depot:
 VOLVO8882

 Unique No:
 10809947

 Signed:
 Sean Felton

 Report Date:
 04 Jan 2024

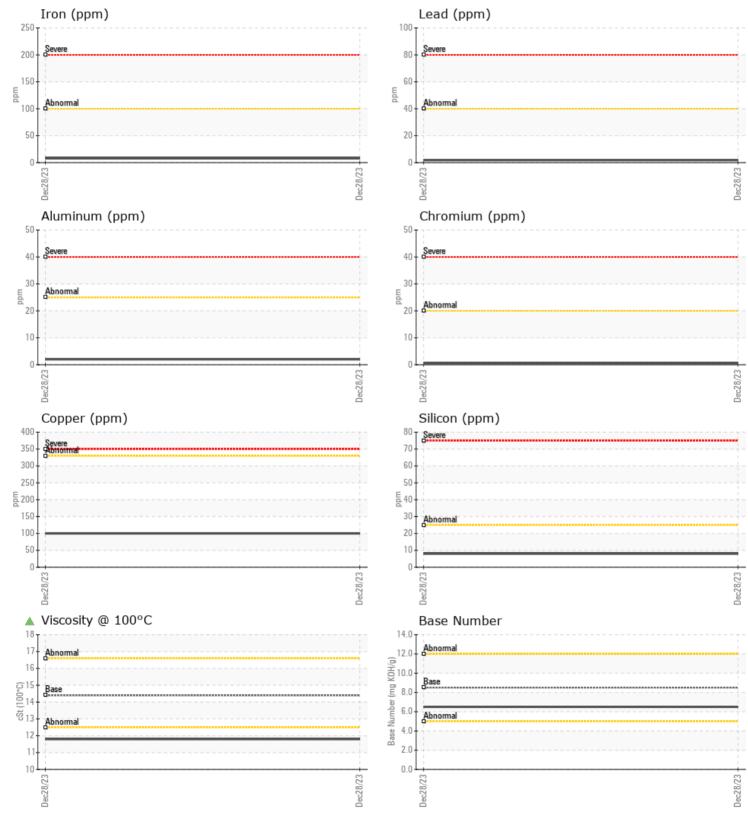
Contact/Location: KYLE RATLIFFE - VOLVO8882

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO8882 [WUSCAR] 06049339 (Generated: 01/04/2024 11:58:26) Rev: 1

Contact/Location: KYLE RATLIFFE - VOLVO8882