CONSTRUCTION EQUIPMENT 441168 RYAN CENTRAL VOLVO A45G 353583 - DIESEL ENGINE

Sample No:VCP406564Oil Type:DIESEL ENGINE OIL SAE 15W40

VOLVO

Job No: 441168 RYAN CENTRAL

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VO	LWO

SAMPI F IN	FORMATION			
			-	
Sample Number		VCP406564		
Sample Date		18 Dec 2023		
Machine Hours		572		
Oil Hours		60		
Oil Changed		Not Changd		
Sample Status		ATTENTION		
OIL CONDI				
Visc @ 100°C	cSt	11.2		
Base Number (BN)	mg KOH/g	9.4		
Oxidation (PA)	%	74		
CONTAMIN	IATION			
Water	%	NEG		

vvater	70	INEG		
Soot %	%	0.1	 	
Nitration (PA)	%	46	 	
Sulfation (PA)	%	59	 	
Glycol	%	NEG	 	
Fuel	%	0.7	 	
Silicon	ppm	7	 	
Sodium	ppm	3	 	
Potassium	ppm	∎1	 	

WEAR METAL

WLAK I	METALS			
Iron	ppm	5	 	
Copper	ppm	67	 	
Lead	ppm	0	 	
Tin	ppm	1	 	
Aluminum	ppm	1	 	
Chromium	ppm	□ <1	 	
Molybdenum	ppm	45	 	
Nickel	ppm	1	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	□ <1	 	
Vanadium	maa	<1	 	

ADDITI	VES			
Calcium	ppm	1764	 	
Magnesium	ppm	428	 	
Zinc	ppm	964	 	
Phosphorus	ppm	844	 	
Barium	ppm	0	 	
Boron	ppm	67	 	



ALTA EQUIPMENT CO - ORLAND PARK

5000 INDUSTRIAL HWY GARY, IN US 46406 Contact: DAVE ENG DAVE.ENG@ALTG.COM T: (312)350-2560 F:

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:
 VOLVO8885

 Unique No:
 10796591

 Signed:
 Jonathan Hester

 Report Date:
 27 Dec 2023

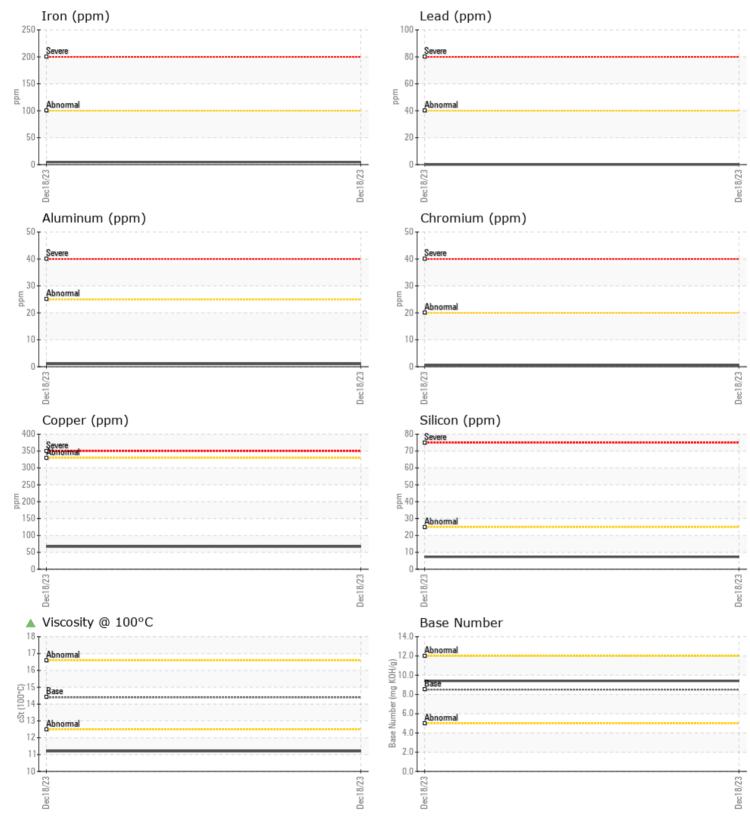
Contact/Location: DAVE ENG - VOLVO8885

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO8885 [WUSCAR] 06041362 (Generated: 12/27/2023 18:30:41) Rev: 1

Contact/Location: DAVE ENG - VOLVO8885