CONSTRUCTION EQUIPMENT RS0036613 COL VOLVO A30G 753373 - DIESEL ENGINE

 Sample No:
 VCP436693

 Oil Type:
 {unknown}

 Job No:
 RSO036613 COL

VOLVO

	NFORMATION		 	
Sample Number		VCP436693	 	
Sample Date		09 Jan 2024	 	
Machine Hours		810	 	
Oil Hours		0	 	
Oil Changed		N/A	 	
Sample Status		ABNORMAL	 	
Sumple Status		ADITORNIAL		
VOLVO				
OIL CONDI	TION			
Visc @ 100°C	cSt	11.1	 	
Base Number (BN)	mg KOH/g	4.8	 	
Oxidation (PA)	%	60	 	
CONTAMI				
			 -	
Water	%	NEG	 	
Soot %	%	0.3	 	
Nitration (PA)	%	82	 	
Sulfation (PA)	%	55	 	
Glycol	%	NEG	 	
Fuel	%	0.7	 	
Silicon	ppm	51	 	
Sodium	ppm	3	 	
Potassium	ppm	4	 	
VOLVO			 	
WEAR ME	TALS			
Iron	ppm	28	 	
Copper	ppm	A 360	 	
Lead	ppm	□ <1	 	
Tin	ppm	3	 	
Aluminum	ppm	3	 	



COWIN EQUIPMENT COMPANY INC - GUNTERSVILLE

15101 ALABAMA HWY 20 MADISON, AL US 35756 Contact: RANDY HARRIS RHARRIS@COWIN.COM T: (256)298-2322 F: (256)355-5250

Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. The copper level is abnormal. In the absence of other significant wear metals, suspect copper due to sources other than wear (i.e. cooling core). All other metal levels are typical for a new component breaking in. Fuel content negligible. 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.

	VE2			
Calcium	ppm	2219	 	
Magnesium	ppm	32	 	
Zinc	ppm	1173	 	
Phosphorus	ppm	1024	 	
Barium	ppm	 <1	 	
Boron	ppm	36	 	

 Depot:
 COWMAD

 Unique No:
 10849254

 Signed:
 Jonathan Hester

 Report Date:
 31 Jan 2024

Report Id: COWMAD [WUSCAR] 06072577 (Generated: 02/01/2024 02:37:05) Rev: 1

|| <1

80

1

2

4

0

<1

ppm

ppm

ppm

ppm

ppm

ppm

ppm

Chromium

Nickel

Silver

Titanium

Manganese

Vanadium

Molybdenum

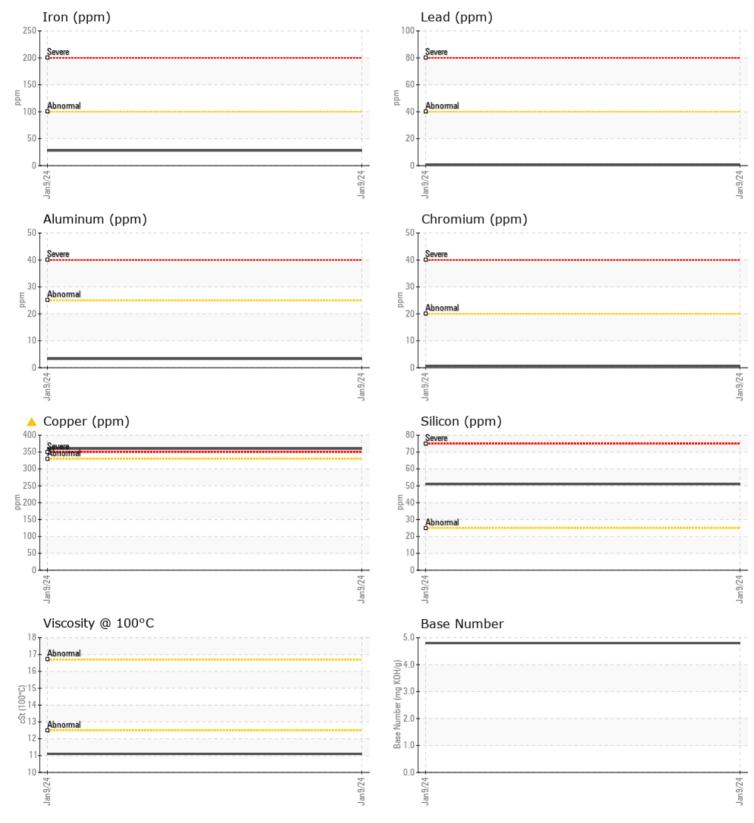
Contact/Location: RANDY HARRIS - COWMAD

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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Contact/Location: RANDY HARRIS - COWMAD