CONSTRUCTION EQUIPMENT VOLVO A25G 742190 - DIESEL ENGINE SW0070550 BRELAND

Sample No: VCP436698 **Oil Type:** {unknown} Job No: SWO070550 BRELAND

Chromium

Nickel

Silver

Titanium

Manganese

Vanadium

Calcium

Zinc

Barium

Boron

Magnesium

Phosphorus

Molybdenum

VOLVO

	FORMATION				
				-	_
Sample Number		VCP436698	VCP355846		
Sample Date		20 Mar 2024	02 Mar 2022		
Machine Hours		3742	2045		
Oil Hours		0	0		
Oil Changed		N/A	Changed		
Sample Status		ABNORMAL	SEVERE		
OIL CONDI					
	-	• • • • •	-		
Visc @ 100°C	cSt	11.1	▲ 9.9		
Base Number (BN)		9.5	4.9		
Oxidation (PA)	%	75	69		
CONTAMIN	IATION				
	-	NEC	NEC	-	_
Water	%	NEG	NEG		
Soot %	%	0.1	0.4		
Nitration (PA)	%	51	78		
Sulfation (PA)	%	58	60		
Glycol	%	NEG	NEG		
Fuel	%	6 5.0	1 3.7		
Silicon	ppm	4	6		
Sodium	ppm	2	2		
Potassium	ppm	0	0		
WEAR ME	TAI S				
				-	
Iron	ppm	4	16		
Copper	ppm	1	1 40		
Lead	ppm	■ <1	2		
Tin	ppm	0	1		
Aluminum	ppm	∎1	2		

< 1

15

0

0

0

0

<1

1452

516

725

596

0

25



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

No corrective action is recommended at this time. Resample at the next service interval to monitor.All component wear rates are normal. Light fuel dilution occurring. Fuel is present in the oil and is lowering the viscosity. The BN result indicates that there is suitable alkalinity remaining in the oil.

Depot: COWMAD Unique No: 10949233 Signed: **Report Date:**

0 🔲

40

0

0

0

<1

<1

1710

523

1093

947

0 🔲

56

ppm

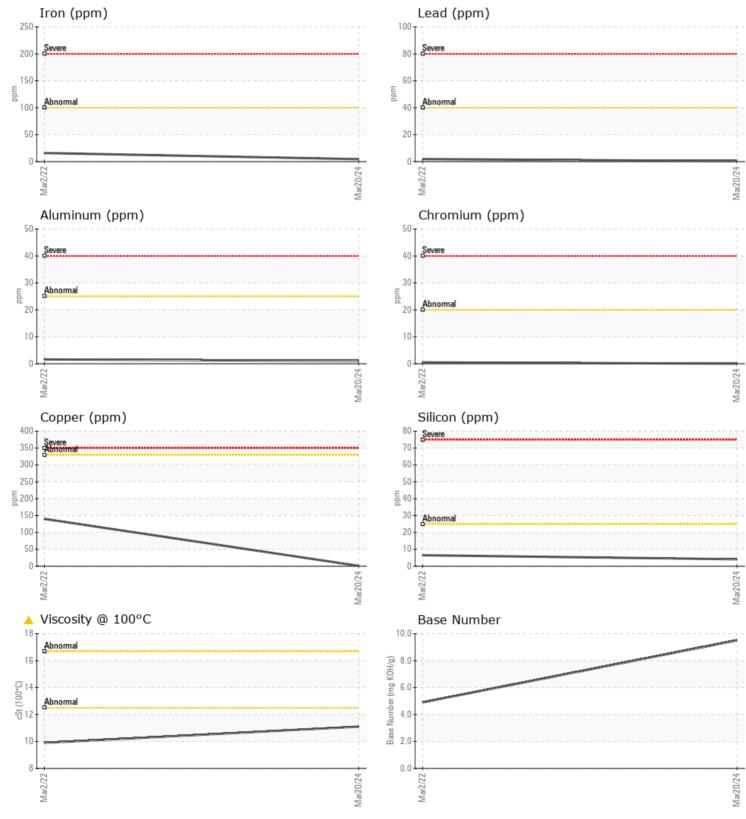
ADDITIVES

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: COWMAD [WUSCAR] 06129768 (Generated: 04/02/2024 12:44:55) Rev: 1

Contact/Location: RANDY HARRIS - COWMAD