

CONSTRUCTION EQUIPMENT VOLVO A40G 752080 - DIESEL ENGINE



Sample No: VCP428557

Job No:

	FORMATION			
Sample Number		VCP428557	 	
Sample Date		06 Feb 2024	 	
Machine Hours		810	 	
Oil Hours		0	 	
Oil Changed		N/A	 	
Sample Status		ATTENTION	 	
Sample Status		ATTENTION	 	
VOLVO				
V OIL CONDI	-		 _	
Visc @ 100°C	cSt	<u> </u>	 	
Base Number (BN)	mg KOH/g	4.6	 	
Oxidation (PA)	%	70	 	
	ATION			
Water	%	NEG	 	
Soot %	%	0.4	 	
Nitration (PA)	%	95	 	
Sulfation (PA)	%	67	 	
Glycol	%	NEG	 	
Fuel	%	0.7	 	
Silicon		24	 	
Sodium	ppm	24	 	
	ppm	6	 	
Potassium	ppm	0	 	
VOLVO				
VEAR MET	TALS			
Iron	ppm	28	 	
Copper	ppm	155	 	
Lead	ppm	∎1	 	
Tin	ppm	4	 	
Aluminum	ppm	3	 	
Chromium	ppm	∎1	 	
Molybdenum	ppm	8 4	 	
Nickel	ppm	3	 	
Titanium	ppm	■ <1	 	
Silver	ppm	0	 	
Manganese	ppm	3	 	
Vanadium	ppm	<1	 	
Calcium	ppm	1920	 	
Magnesium	ppm	112	 	
Zinc	ppm	1114	 	
Phosphorus	ppm	918	 	
Barium	ppm	2	 	
Boron	ppm	6	 	



RIPA AND ASSOCIATES

10149 FISHER AVENUE TAMPA, FL US 33619 Contact: ROBERT TURNER rturner@ripatampa.com T: -

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor.All component wear rates are normal. 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:
 RIPTAM

 Unique No:
 10900458

 Signed:
 Jonathan Hester

 Report Date:
 04 Mar 2024

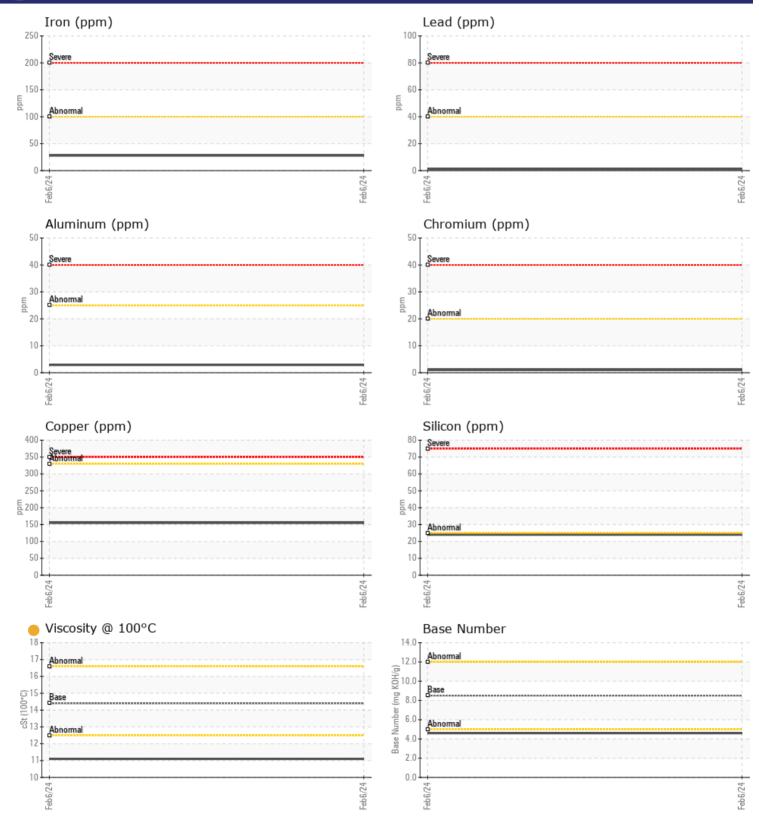
Contact/Location: ROBERT TURNER - RIPTAM

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: RIPTAM [WUSCAR] 06102228 (Generated: 03/04/2024 09:55:26) Rev: 1

Contact/Location: ROBERT TURNER - RIPTAM