

CONSTRUCTION EQUIPMENT VOLVO A40G 354142 - DIESEL ENGINE



Sample No: VCP444106

Job No:

	NFORMATION				
Sample Number		VCP444106			
Sample Date		21 Feb 2024			
Machine Hours		3175			
Oil Hours		0			
Oil Changed		N/A			
Sample Status		ABNORMAL			
Sample Status		ADNORWAL			
VOLVO					
V OIL CONDI	ITION				
Visc @ 100°C	cSt	12.7			
Base Number (BN)	mg KOH/g	7.9			
Oxidation (PA)	%	80			
VOLVO					
CONTAMI	-				
Water	%	NEG			
Soot %	%	0.3			
Nitration (PA)	%	79			
Sulfation (PA)	%	60			
Glycol	%	NEG			
Fuel	%	<1.0			
Silicon	ppm	8			
Sodium	ppm	1			
Potassium	ppm	2			
WEAR ME	ΖΑΙς				
<u> </u>	· · · · · · · · · · · · · · · · · · ·		<u></u>	<u>.</u>	
Iron	ppm	□10			
Copper	ppm	□4			
Lead	ppm	□ <1			
Tin	ppm	1			
Aluminum	ppm	3			
Chromium	ppm	1			
Molybdenum	ppm	40			
Nickel	ppm	<u>▲</u> 4			
Titanium	ppm	■ <1			
Silver	ppm	0			
Manganese	ppm	1			
Vanadium	ppm	<1			
VOLVO					
ADDITIVE	2				
Calcium		1538			
Magnesium	ppm	439			
Zinc	ppm	1074			
	ppm				
Phosphorus Barium	ppm	911			
	ppm	1			
Boron	ppm	20			



RIPA AND ASSOCIATES

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

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor.Exhaust valve wear is indicated. 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.

 Depot:
 RIPTAM

 Unique No:
 10900463

 Signed:
 Sean Felton

 Report Date:
 29 Feb 2024

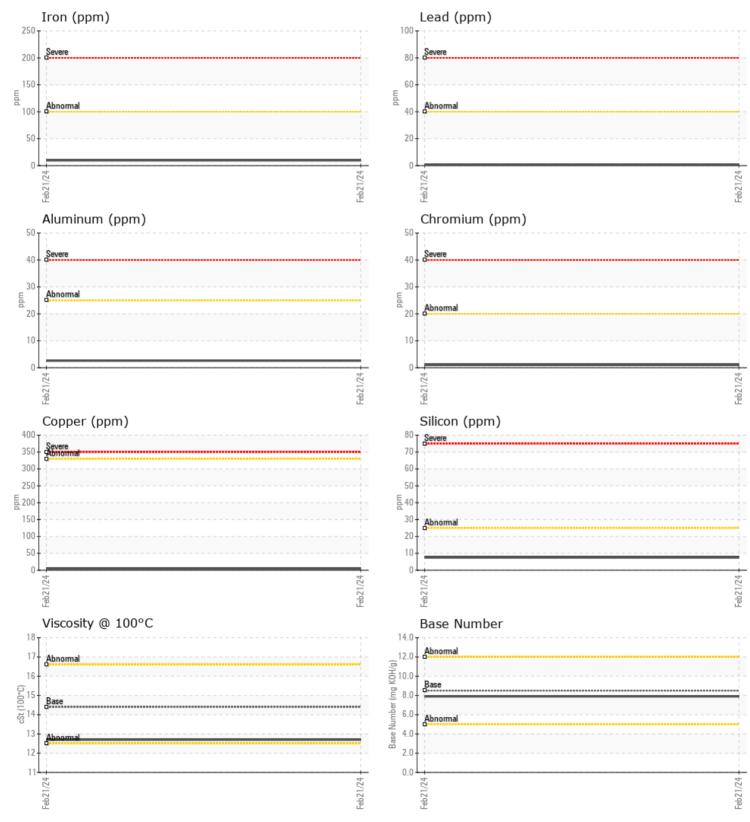
Contact/Location: ROBERT TURNER - RIPTAM

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: RIPTAM [WUSCAR] 06102233 (Generated: 02/29/2024 16:08:43) Rev: 1

Contact/Location: ROBERT TURNER - RIPTAM