

## CONSTRUCTION EQUIPMENT VOLVO A30G 15-1091 - FRONT AXLE



Sample No: VCP432478

Oil Type:	DIESEL ENGINE OIL SAE 15W40
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Job No:

	E INFORMATIO	N		
Sample Number	-	VCP432478	 	
Sample Date		18 Oct 2023	 	
Machine Hours		3941	 	
Oil Hours		0	 	
Oil Changed		N/A	 	
Sample Status		ATTENTION	 	
OIL CON	DITION			
Visc @ 40°C	cSt	<b>A</b> 208	 	
VOLVO				
	MINATION			
Silicon	ppm	8	 	
Sodium	ppm	0	 	
Potassium	ppm	2	 	
VOLVO				
WEAR N	METALS			
Iron	ppm	<b>172</b>	 	
Copper	ppm	28	 	
Lead	ppm	0	 	
Tin	ppm	<b>  </b> <1	 	
Aluminum	ppm	<b></b> <1	 	
Chromium	ppm	3	 	
Molybdenum	ppm	3	 	
Nickel	ppm	2	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	6	 	
Vanadium	ppm	0	 	
	VES		 	
Calcium	ppm	230	 	
Magnesium	ppm	5	 	
Zinc	ppm	129	 	
Phosphorus	ppm	1131	 	
Barium	ppm	1	 	
Boron	ppm	147	 	
	PPIII			



**RIPA AND ASSOCIATES** 

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

## Diagnosis

Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the oil. The oil viscosity is higher than normal. This plus the additive levels indicates the addition of a different brand, or type of oil. Confirm oil type.

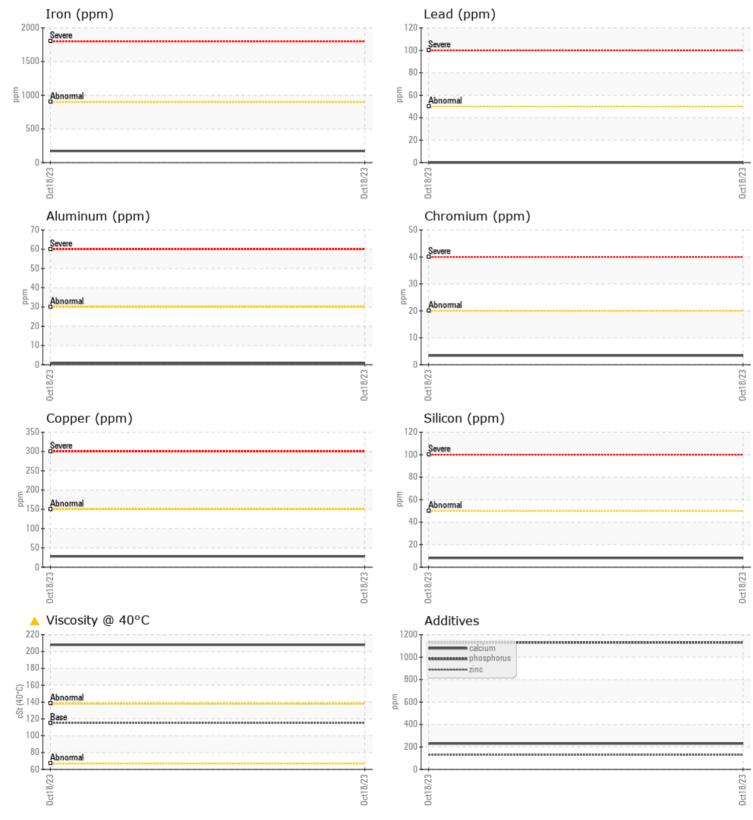
Depot:	RIPTAM
Unique No:	10724386
Signed:	Don Baldridge
Report Date:	03 Nov 2023

## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Report Id: RIPTAM [WUSCAR] 05996026 (Generated: 11/03/2023 15:39:26) Rev: 1

Contact/Location: ROBERT TURNER - RIPTAM