CONSTRUCTION EQUIPMENT W07013275-1 VOLVO A30G 742486 - DIESEL ENGINE



Sample No:VCP393201Oil Type:VOLVO ULTRA D

VOLVO

VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

Job No:

W07013275-1

SAMPLE INFORMATION

Sample Number		VCP393201	VCP336409	
Sample Date		30 Aug 2023	22 Oct 2021	
Machine Hours		3416	1567	
Oil Hours		0	0	
Oil Changed		Changed	Changed	
Sample Status		ABNORMAL	ATTENTION	
OIL COND	ITION			
Visc @ 100°C	cSt	12.1	1 1.9	
Base Number (BN) mg KOH/g	9.6		
Oxidation (PA)	%	76	75	
	INATION			
Soot %	INATION %	0.4	0.3	
		0.4 62	□0.3 64	
Soot %	%	_		
Soot % Nitration (PA)	%	62	64	
Soot % Nitration (PA) Sulfation (PA)	% % %	62 61	64 61	
Soot % Nitration (PA) Sulfation (PA) Glycol	% % % %	62 61 NEG	64 61 NEG	 1
Soot % Nitration (PA) Sulfation (PA) Glycol Fuel	% % % %	62 61 NEG 3.5	64 61 NEG 2.5	

WEAD

WEAR METALS							
Iron	ppm	10	10				
Copper	ppm	2	7				
Lead	ppm	0	<1				
Tin	ppm		1				
Aluminum	ppm	2	2				
Chromium	ppm		<1				
Molybdenum	ppm	45	55				
Nickel	ppm	0	0				
Titanium	ppm	0	0				
Silver	ppm	0	0				
Manganese	ppm	□ <1	<1				
Vanadium	ppm	0	0				

ADDITIVES 1608 Calcium ppm 1463 Magnesium 657 609 ppm 1224 ppm 1171 Zinc Phosphorus ppm 1011 946 Barium 0 🔲 0 ppm Boron 57 58 ppm



McClung-Logan Virginia LLC- RICHMOND 1345 MOUNTAIN ROAD GLEN ALLEN, VA US 23060 Contact: KYLE RATLIFFE

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Diagnosis

The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition.All component wear rates are normal. There is a moderate amount of fuel present in the oil. Tests confirm the presence of fuel in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. Fuel is present in the oil and is lowering the viscosity. The oil is no longer serviceable due to the presence of contaminants.

 Depot:
 VOLVO8882

 Unique No:
 10632419

 Signed:
 Wes Davis

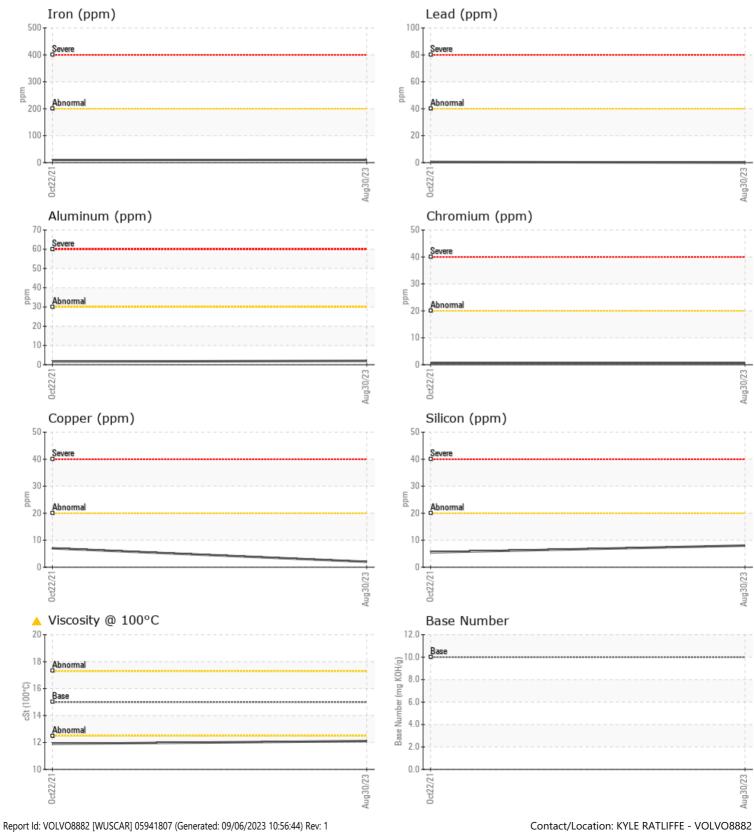
 Report Date:
 06 Sep 2023

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Contact/Location: KYLE RATLIFFE - VOLVO8882