CONSTRUCTION EQUIPMENT 716614 SOUTHLAND TAKEUCHI TB235 604814 - DIESEL ENGINE

Sample No:VCP454915Oil Type:DIESEL ENGINE OIL SAE 15W40Job No:716614 SOUTHLAND

VOLVO

Silicon

Sodium

Potassium

ppm

ppm

ppm

66 🔲

30

2

SAMPLE IN	FORMATION			
Sample Number	-	VCP454915	 	
Sample Date		17 May 2024	 	
Machine Hours		581	 	
Oil Hours		0	 	
Oil Changed		Changed	 	
Sample Status		ATTENTION	 	
OIL CONDI	TION			
Visc @ 100°C	cSt	9.9	 	
Base Number (BN)	mg KOH/g	12.1	 	
Oxidation (PA)	%	43	 	
CONTAMIN	IATION		 	
Water	%	NEG	 	
Soot %	%	0.4	 	
Nitration (PA)	%	69	 	
Sulfation (PA)	%	49	 	
Glycol	%	NEG	 	
Fuel	%	0.3	 	



ALTA EQUIPMENT/FLAGLER EQUIPMENT LLC

9601 BOGGY CREEK RD ORLANDO, FL US 32824 Contact: Robert LaPlante robert.laplante@altg.com T: (407)508-9736 F: (407)659-8720

Diagnosis

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.Metal levels are typical for a new component breaking in. Tests indicate that there is no fuel present in the oil. 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.

WEAR METALS								
Iron	ppm	94						
Copper	ppm	15						
Lead	ppm	4						
Tin	ppm	1						
Aluminum	ppm	7						
Chromium	ppm							
Molybdenum	ppm	116						
Nickel	ppm							
Titanium	ppm	□ <1						
Silver	ppm							
Manganese	ppm	3						
Vanadium	ppm	<1						
ADDITIVES								

Calcium	ppm	4117				
Magnesium	ppm	20				
Zinc	ppm	1410				
Phosphorus	ppm	1105				
Barium	ppm	15				
Boron	ppm	41				

 Depot:
 VOLVO0096

 Unique No:
 11046908

 Signed:
 Jonathan Hester

 Report Date:
 30 May 2024

Report Id: VOLVO0096 [WUSCAR] 06190156 (Generated: 05/30/2024 13:04:32) Rev: 1

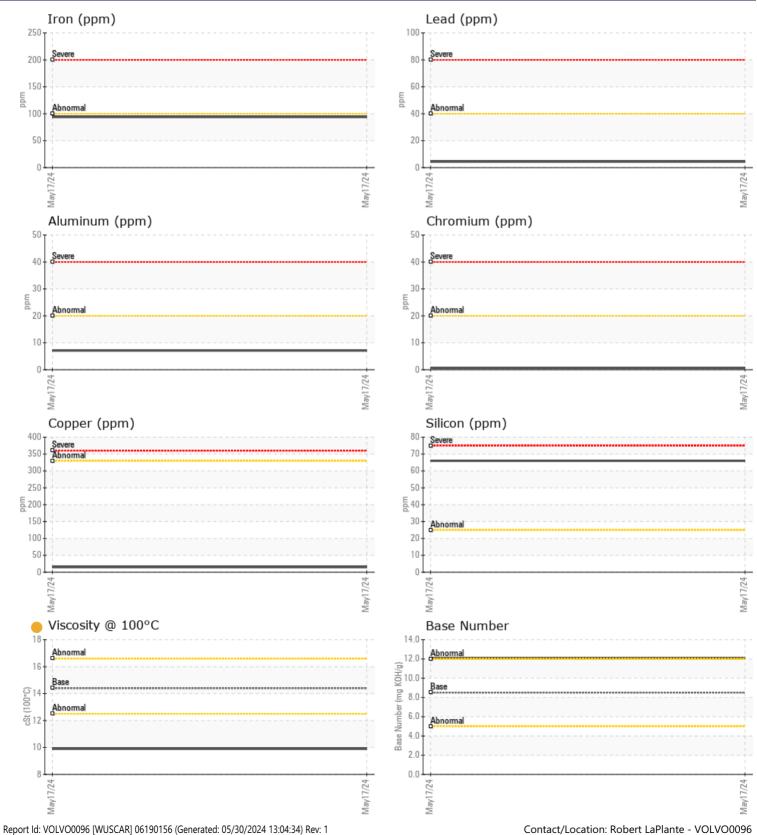
Contact/Location: Robert LaPlante - VOLVO0096

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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