CONSTRUCTION EQUIPMENT W07014038-2 WW&P TAKEUCHI TB230 130009141 - DIESEL EN

 Sample No:
 VCP447818

 Oil Type:
 DIESEL ENGINE OIL SAE 15W40

 Job No:
 W07014038-2 WW&P

VOLVO

	NFORMATION					
Sample Number		VCP447818				
Sample Date		28 Dec 2023				
Machine Hours		122				
Oil Hours		0				
Oil Changed		Changed				
Sample Status		ATTENTION				
OIL CONDI	TION					
Visc @ 100°C	cSt	9 .7				
Base Number (BN)	mg KOH/g	11.7				
Oxidation (PA)	%	40				
CONTAMINATION						
Water	%	NEG				
Soot %	%	0.2				
Nitration (PA)	%	54				

Nitration (PA)	%	54	 	
Sulfation (PA)	%	45	 	
Glycol	%	NEG	 	
Fuel	%	0.9	 	
Silicon	ppm	66	 	
Sodium	ppm	1 3	 	
Potassium	ppm	1	 	

WFAR MF1

WEAR I	METALS			
Iron	ppm	30	 	
Copper	ppm	15	 	
Lead	ppm	4	 	
Tin	ppm	1	 	
Aluminum	ppm	6	 	
Chromium	ppm	□<1	 	
Molybdenum	ppm	108	 	
Nickel	ppm	□ <1	 	
Titanium	ppm	□<1	 	
Silver	ppm	0	 	
Manganese	ppm	2	 	
Vanadium	ppm	<1	 	

ADDITIVES					
Calcium	ppm	4182			
Magnesium	ppm	21			
Zinc	ppm	1493			
Phosphorus	ppm	1242			
Barium	ppm	1 6			
Boron	ppm	4 9			



MCCLUNG-LOGAN EQUIPMENT CO - RICHMOND

1345 MOUNTAIN ROAD GLEN ALLEN, VA US 23060 Contact: KYLE RATLIFFE KRATLIFFE@MCCLUNG-LOGAN.COM T:

F: (804)266-1611

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. 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:
 VOLVO8882

 Unique No:
 10820497

 Signed:
 Jonathan Hester

 Report Date:
 12 Jan 2024

Report Id: VOLVO8882 [WUSCAR] 06054548 (Generated: 01/12/2024 15:20:01) Rev: 1

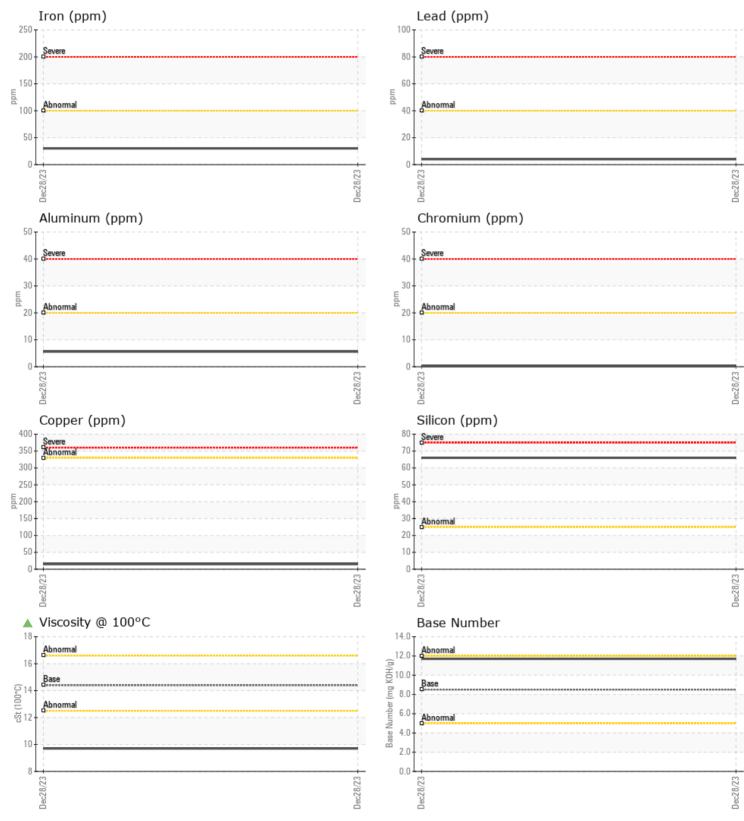
Contact/Location: KYLE RATLIFFE - VOLVO8882

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO8882 [WUSCAR] 06054548 (Generated: 01/12/2024 15:20:04) Rev: 1

Contact/Location: KYLE RATLIFFE - VOLVO8882