CONSTRUCTION EQUIPMENT W07013669-1 VOLVO SD115B 236740 - DIESEL ENGINE

 Sample No:
 VCP409385

 Oil Type:
 DIESEL ENGINE OIL SAE 15W40

 Job No:
 W07013669-1

VOLVO

VOLVO				
	INFORMATION			
Sample Number	-	VCP409385	VCP245620	
Sample Date		23 Oct 2023	22 Jul 2022	
Machine Hours		985	489	
Oil Hours		0	0	
Oil Changed		Changed	Changed	
Sample Status		NORMAL	ATTENTION	
VOLVO				
V OIL COND				
Visc @ 100°C	cSt	13.1	▲ 12.4	
Base Number (BN) mg KOH/g	7.5	9.9	
Oxidation (PA)	%	74	80	
CONTAM	ΙΝΔΤΙΩΝ			
Soot %	%	0.3	0.2	
Nitration (PA)	%	84	76	
Sulfation (PA)	%	56	63	
Glycol	%	NEG	NEG	
Fuel	%	<1.0	0.8	
Silicon	ppm	1 1	26	
Sodium	ppm	5	4	
Potassium	ppm	0	2	
VOLVO	FTALC			

WEAR METALS

WEAK M	ETAL3			
Iron	ppm	34	58	
Copper	ppm	7	31	
Lead	ppm	0	2	
Tin	ppm		4	
Aluminum	ppm	12	39	
Chromium	ppm	3	6	
Molybdenum	ppm	49	33	
Nickel	ppm		1	
Titanium	ppm	□ <1	< 1	
Silver	ppm	0	<1	
Manganese	ppm	1	5	
Vanadium	ppm	0	0	

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ADDITIVES							
Calcium	ppm	1237	1538				
Magnesium	ppm	768	578				
Zinc	ppm	904	1064				
Phosphorus	ppm	548	856				
Barium	ppm	0	0				
Boron	ppm	23	55				

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

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 BN result indicates that there is suitable alkalinity remaining in the oil. Confirm oil type. The condition of the oil is suitable for further service.

 Depot:
 VOLVO8882

 Unique No:
 10711605

 Signed:
 Sean Felton

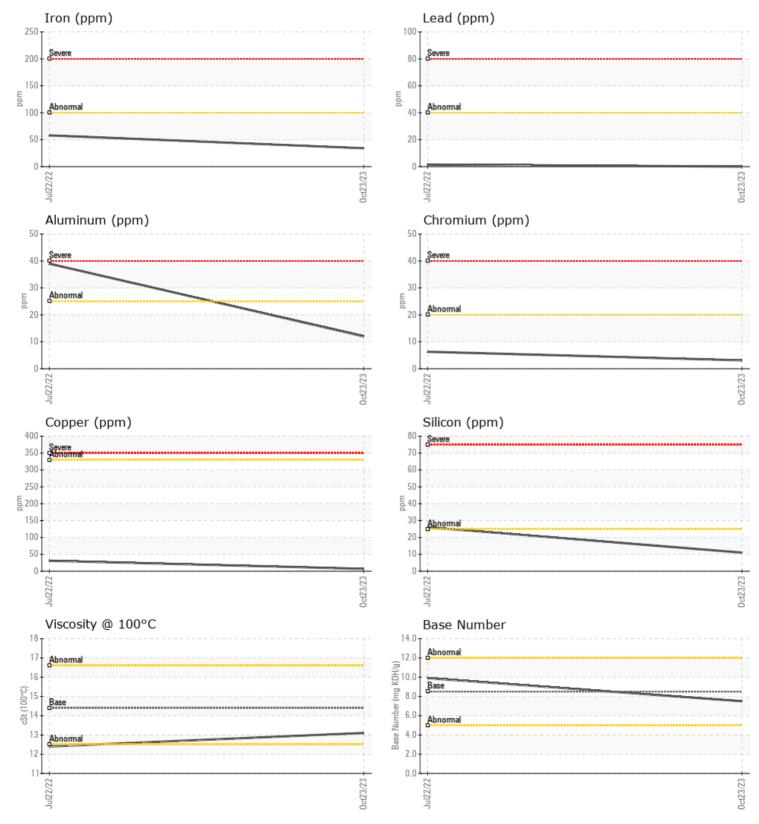
 Report Date:
 27 Oct 2023

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO8882 [WUSCAR] 05988943 (Generated: 10/27/2023 23:20:47) Rev: 1

Contact/Location: KYLE RATLIFFE - VOLVO8882