CONSTRUCTION EQUIPMENT SWA335248 MEIJER GENERAC 9D100 3000121093 - DIESEL ENG

Sample No: VCP410570

VOLVO

Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3 Job No: SWA335248 MEIJER

SAMPLE INFORMATION

Sample Number	-	VCP410570	 	
Sample Date		30 Aug 2023	 	
Machine Hours		163	 	
Oil Hours		0	 	
Oil Changed		N/A	 	
Sample Status		NORMAL	 	
OIL CONDI	TION			
Visc @ 100°C	cSt	13.6	 	
Base Number (BN)	mg KOH/g	9.7	 	
Oxidation (PA)	%	57	 	
CONTAMIN				
Soot %	%	0.1	 	
Nitration (PA)	%	54	 	
Sulfation (PA)	%	49	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	6	 	
Sodium	ppm	 <1	 	
Potassium	ppm	 <1	 	

Potassium

WEAR I	METALS			
Iron	ppm	4	 	
Copper	ppm	1	 	
Lead	ppm	 <1	 	
Tin	ppm	 <1	 	
Aluminum	ppm	 <1	 	
Chromium	ppm	 <1	 	
Molybdenum	ppm	54	 	
Nickel	ppm	0	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	2	 	
Vanadium	ppm	0	 	

ADDITIVES								
Calcium	ppm	1139						
Magnesium	ppm	805						
Zinc	ppm	1166						
Phosphorus	ppm	990						
Barium	ppm	0						
Boron	ppm	4						





ALTA CONSTRUCTION EQUIPMENT LLC

BURTON, MI US 48529 Contact: BURTON SERVICE BURTON.SERVICE@ALTAEQUIPMENT.COM T: F:

Diagnosis

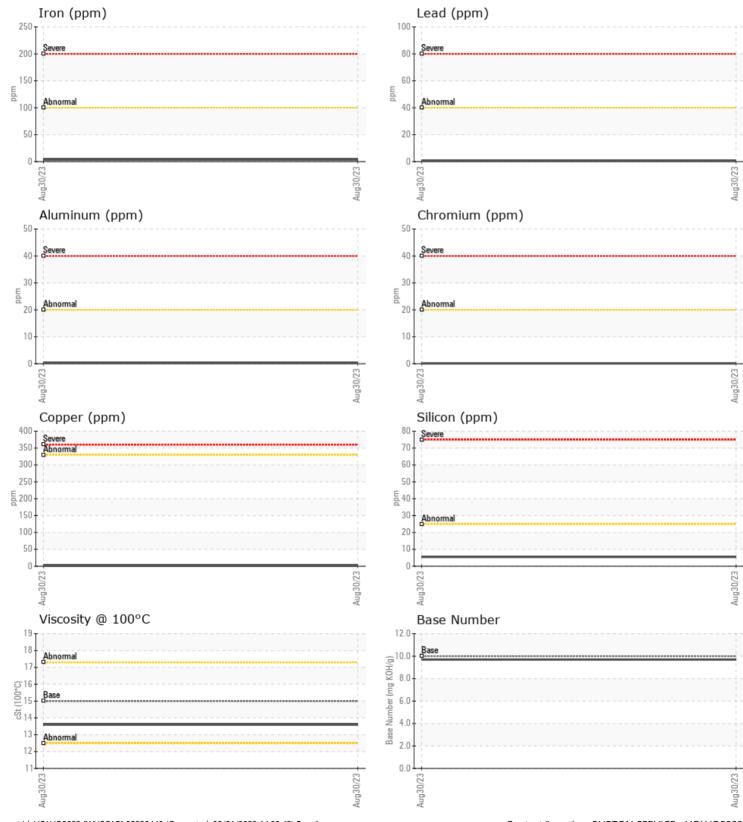
Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is acceptable for the time in service.

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO5023 [WUSCAR] 05939449 (Generated: 09/01/2023 14:23:43) Rev: 1

Contact/Location: BURTON SERVICE - VOLVO5023