## CONSTRUCTION EQUIPMENT SPM540135 STUFF RECY FUCHS 340 6054 - DIESEL ENGINE

Sample No: VCP410470

VOLVO

Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3 Job No: SPM540135 STUFF RECY

## SAMPLE INFORMATION

Sample Number		VCP410470	 	
Sample Date		27 Apr 2023	 	
Machine Hours		492	 	
Oil Hours		0	 	
Oil Changed		Changed	 	
Sample Status		NORMAL	 	
OIL COND	ITION			
Visc @ 100°C	cSt	<b>13.3</b>	 	
Base Number (BN)	mg KOH/g	7.3	 	
Oxidation (PA)	%	63	 	
CONTAMI	NATION			
Soot %	%	0.1	 	
Nitration (PA)	%	68	 	
Sulfation (PA)	%	45	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
C'I'				
Silicon	ppm	<b>1</b> 1	 	



#### ALTA CONSTRUCTION EQUIPMENT LLC

G-3283 S. DORT HIGHWAY BURTON, MI US 48529 Contact: BURTON SERVICE BURTON.SERVICE@ALTAEQUIPMENT.COM T: E:

### Diagnosis

Resample at the next service interval to monitor.Metal levels are typical for a new component breaking in. 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 suitable for further service.

Sodium Potassium ppm

ppm

2

■ <1

WEAR I	METALS			
Iron	ppm	16	 	
Copper	ppm	<b>10</b>	 	
Lead	ppm	0	 	
Tin	ppm	2	 	
Aluminum	ppm	3	 	
Chromium	ppm		 	
Molybdenum	ppm	<b>45</b>	 	
Nickel	ppm	0	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	3	 	
Vanadium	ppm	<1	 	

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ADDITIVES						
Calcium	ppm	1348				
Magnesium	ppm	824				
Zinc	ppm	951				
Phosphorus	ppm	773				
Barium	ppm	0				
Boron	ppm	66				

 Depot:
 VOLVO5023

 Unique No:
 10454996

 Signed:
 Wes Davis

 Report Date:
 03 May 2023

Report Id: VOLVO5023 [WUSCAR] 05836193 (Generated: 07/03/2023 11:46:50) Rev: 1

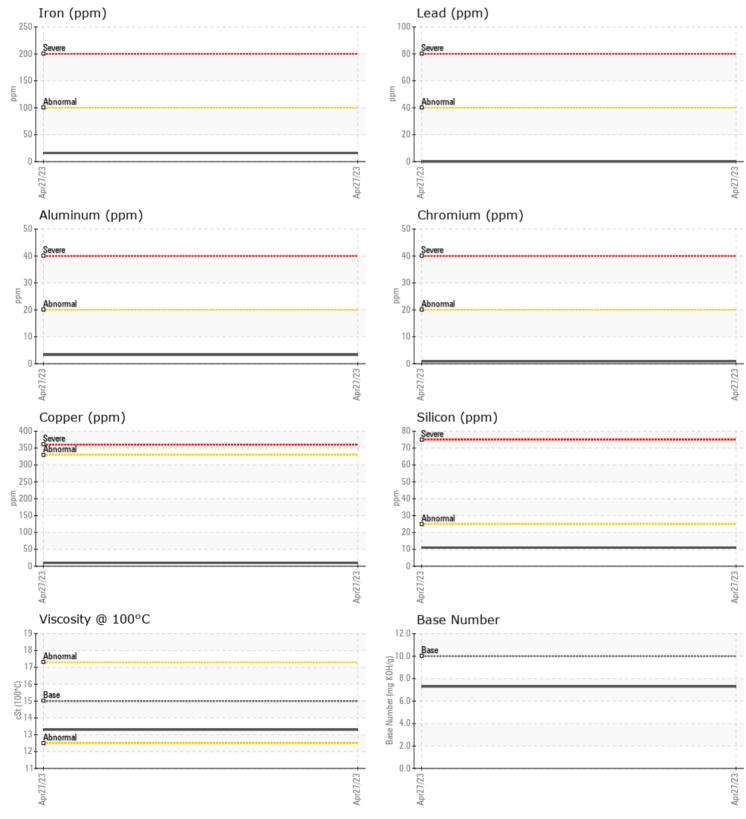
Contact/Location: BURTON SERVICE - VOLVO5023

# **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Report Id: VOLVO5023 [WUSCAR] 05836193 (Generated: 07/03/2023 11:46:52) Rev: 1

Contact/Location: BURTON SERVICE - VOLVO5023