## CONSTRUCTION EQUIPMENT X45065 VOLVO A40G 352717 - DIESEL ENGINE



## Sample No: VCP391379 Oil Type: VOLVO ULT

VOLVO

e: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

Job No:

X45065

SAMPLE IN	FORMATION				
Sample Number		VCP391379			
Sample Date		11 Sep 2023			
Machine Hours		3232			
Oil Hours		0			
Oil Changed		Not Changd			
Sample Status		NORMAL			
Visc @ 100°C	cSt	12.1			
Base Number (BN)	mg KOH/g	<b>10.7</b>			
Oxidation (PA)	%	78			
CONTAMINATION					
Soot %	%	∎0.1			
Nitration (PA)	%	50			

Nitration (PA)	%	50	 	
Sulfation (PA)	%	59	 	
Glycol	%	NEG	 	
Fuel	%	0.2	 	
Silicon	ppm	7	 	
Sodium	ppm	<b>1</b>	 	
Potassium	ppm	0	 	

WEAR METALS

WLAK I	METALS			
Iron	ppm	8	 	
Copper	ppm	<b>1</b> 3	 	
Lead	ppm	■<1	 	
Tin	ppm		 	
Aluminum	ppm	<b></b> <1	 	
Chromium	ppm	0	 	
Molybdenum	ppm	■44	 	
Nickel	ppm	0	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	□<1	 	
Vanadium	ppm	0	 	

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ADDITIVES					
Calcium	ppm	1768			
Magnesium	ppm	533			
Zinc	ppm	<b>1082</b>			
Phosphorus	ppm	883			
Barium	ppm	0			
Boron	ppm	<b>6</b> 9			
	1.1				



SCOTT EQUIPMENT COMPANY LLC - Lavergne 1231 BRIDGESTONE PARKWAY LAVERGNE, TN US 37086 Contact: CLAY COULTER CCOULTER@SCOTTCOMPANIES.COM T: (615)793-3888

## Diagnosis

F: (615)793-9655

No corrective action is recommended at this time. Resample at the next service interval to monitor.All component wear rates are normal. Fuel content negligible. 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.

 Depot:
 VOLV00129

 Unique No:
 10645899

 Signed:
 Wes Davis

 Report Date:
 15 Sep 2023

Report Id: VOLVO0129 [WUSCAR] 05949940 (Generated: 09/15/2023 14:37:43) Rev: 1

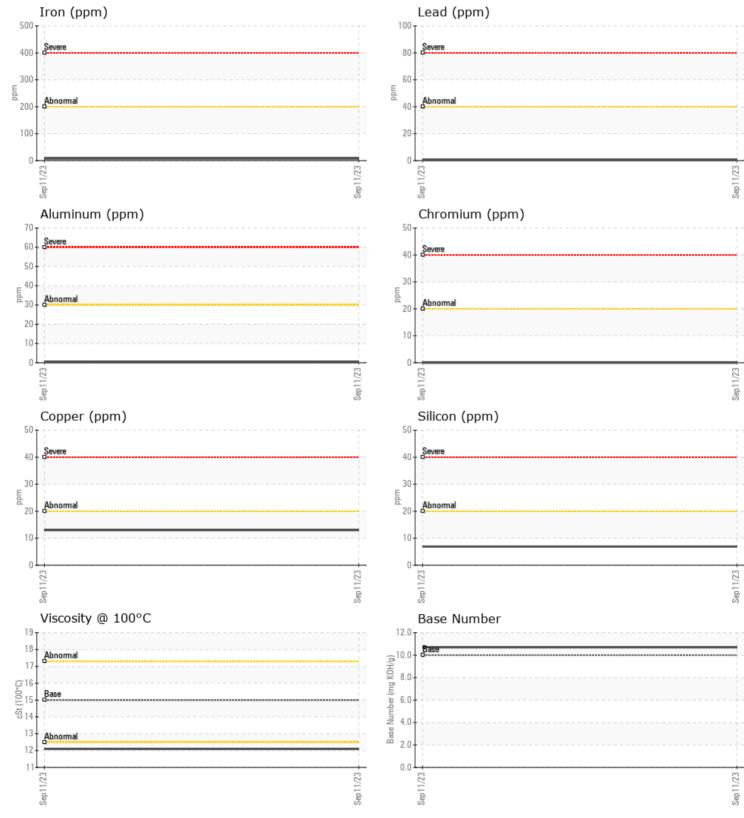
Contact/Location: CLAY COULTER - VOLVO0129

## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



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Contact/Location: CLAY COULTER - VOLVO0129