## CONSTRUCTION EQUIPMENT RS0034491 VOLVO A45G 352522 - DIESEL ENGINE



Sample No:VCP426976Oil Type:VOLVO ULTRA

VOLVO

VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

Job No:

RSO034491

## SAMPLE INFORMATION VCP426976 Sample Number Sample Date 30 Jun 2023 Machine Hours 6069 Oil Hours 0 Oil Changed Changed NORMAL Sample Status **OIL CONDITION** Visc @ 100°C cSt 12.7 Base Number (BN) mg KOH/g 10.7 Oxidation (PA) 80 % CONTAMINATION \_ ^ ^

Soot %	%	0.2	 	
Nitration (PA)	%	53	 	
Sulfation (PA)	%	62	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	<b>4</b>	 	
Sodium	ppm	2	 	
Potassium	ppm	<b></b> <1	 	

VOLVO

WEAR N	METALS			
Iron	ppm	<b>4</b>	 	
Copper	ppm	3	 	
Lead	ppm	<b></b> <1	 	
Tin	ppm	<b></b> <1	 	
Aluminum	ppm	2	 	
Chromium	ppm	0	 	
Molybdenum	ppm	42	 	
Nickel	ppm	<b></b> <1	 	
Titanium	ppm	<1	 	
Silver	ppm	0	 	
Manganese	ppm	<b></b> <1	 	
Vanadium	ppm	<1	 	

ADDITIVES							
Calcium	ppm	<b>1810</b>					
Magnesium	ppm	540					
Zinc	ppm	1173					
Phosphorus	ppm	966					
Barium	ppm	0					
Boron	ppm	57					



COWIN EQUIPMENT COMPANY

7950 PITTMAN AVE PENSACOLA, FL US 32534 Contact: HUGH DOBBS HDOBBS@COWIN.COM T: (850)479-3004 F: (850)474-1602

## 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 suitable for further service.

 Depot:
 VOLV08247

 Unique No:
 10562285

 Signed:
 Wes Davis

 Report Date:
 18 Jul 2023

Report Id: VOLVO8247 [WUSCAR] 05900929 (Generated: 07/18/2023 16:18:47) Rev: 1

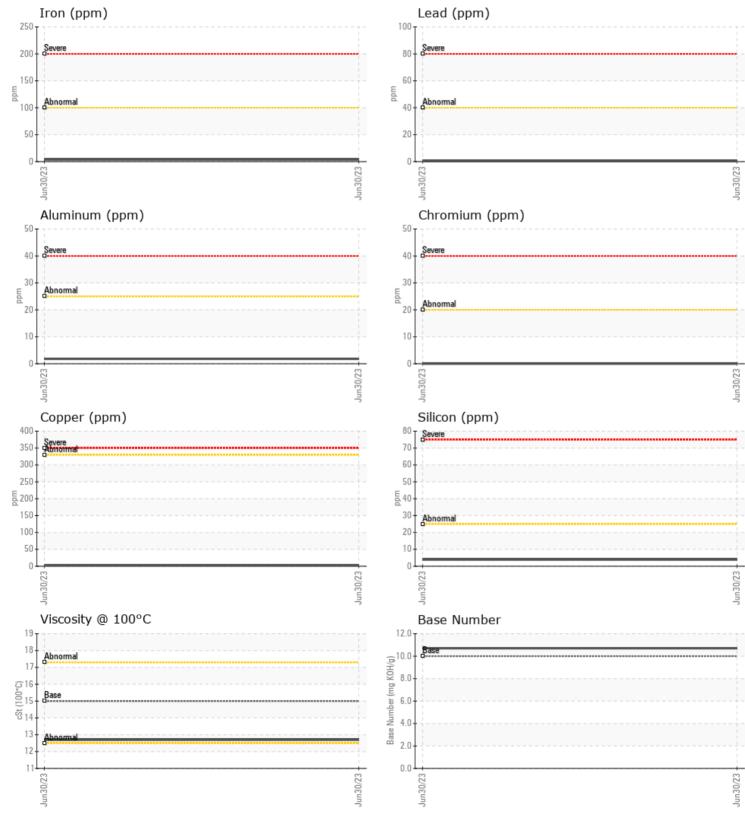
Contact/Location: HUGH DOBBS - VOLVO8247

## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



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