## **CONSTRUCTION EQUIPMENT** SEC VOLVO A45G 353622 - DIESEL ENGINE



### Sample No: VCP417079

SEC

VOLVO

Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

Job No:

SAMPLE II	NFORMATION			
Sample Number	-	VCP417079	 	
Sample Date		20 Jun 2023	 	
Machine Hours		236	 	
Oil Hours		250	 	
Oil Changed		Changed	 	
Sample Status		ATTENTION	 	
OIL CONDI	TION			
Visc @ 100°C	cSt	▲ 11.1	 	
Base Number (BN)	mg KOH/g	7.1	 	
Oxidation (PA)	%	51	 	
CONTAMIN	NATION			
Soot %	%	0.1	 	
Nitration (PA)	%	67	 	
Sulfation (PA)	%	48	 	
Glycol	%	NEG	 	
Fuel	%	0.5	 	
Silicon	ppm	22	 	
Sodium	ppm	4	 	
Potassium	ppm	2	 	
WEAR ME				
WEAK ME	TALS			



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ADDITIVES								
Calcium	ppm	2310						
Magnesium	ppm	20						
Zinc	ppm	<b>1292</b>						
Phosphorus	ppm	<b>1074</b>						
Barium	ppm	0						
Boron	ppm	<b>76</b>						



216 - ASCENDUM MACHINERY INC - PIEDMONT 407 OAK ROAD PIEDMONT, SC US 29673 Contact: KEMP COBLE kemp.coble@ascendummachinery.com T: (864)704-1060 F: (864)704-1069

### Diagnosis

Oil and filter change at the time of sampling has been noted. 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 oil viscosity is lower than normal. The BN result indicates that there is suitable alkalinity remaining in the oil. Confirm oil type.

 Depot:
 VOLVO4596

 Unique No:
 10575261

 Signed:
 Don Baldridge

 Report Date:
 28 Jul 2023

Report Id: VOLVO4596 [WUSCAR] 05908609 (Generated: 08/04/2023 12:08:54) Rev: 1

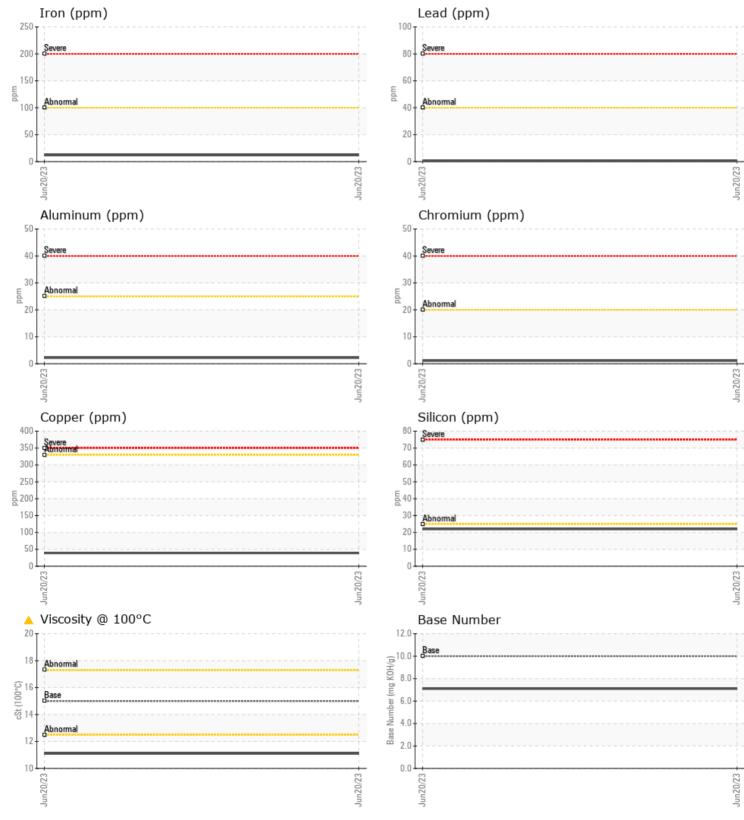
Contact/Location: KEMP COBLE - VOLVO4596

# **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Report Id: VOLVO4596 [WUSCAR] 05908609 (Generated: 08/04/2023 12:08:56) Rev: 1

Contact/Location: KEMP COBLE - VOLVO4596