

CONSTRUCTION EQUIPMENT VOLVO A456G 353525 - DIESEL ENGINE



Sample No: VCP419624

Oil Type: V

VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

Job No:

Phosphorus

Barium

Boron

	NFORMATION			
	AF OKMATION		 -	-
Sample Number		VCP419624	 	
Sample Date		23 Jun 2023	 	
Machine Hours		0	 	
Oil Hours		0	 	
Oil Changed		Changed	 	
Sample Status		ABNORMAL	 	
VOLVO				
VIL COND	ITION			
Visc @ 100°C	cSt	10.8	 	
Base Number (BN)		6.1	 	
Oxidation (PA)	%	62	 	
VOLVO			 	
CONTAMI	-			
Soot %	%	0.2	 	
Nitration (PA)	%	78	 	
Sulfation (PA)	%	53	 	
Glycol	%	NEG	 	
Fuel	%	■ 1.0	 	
Silicon	ppm	28	 	
Sodium	ppm	4	 	
Potassium	ppm	3	 	
VOLVO				
🤍 WEAR ME	TALS			
Iron	ppm	15	 	
Copper	ppm	<u> </u>	 	
Lead	ppm	0	 	
Tin	ppm	4	 	
Aluminum	ppm	3	 	
Chromium	ppm	2	 	
Molybdenum	ppm	88	 	
Nickel	ppm	2	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	2	 	
Vanadium	ppm	0	 	
VOLVO	·c		 	
	.2			
Calcium	ppm	2334	 	
Magnesium	ppm	16	 	
Zinc	ppm	1294	 	
DI I		- 1000		

COWIN EQUIPMENT COMPANY

P.O. DRAWER 9367 MONTGOMERY, AL JS 36108 Contact: BRYAN DICKS odicks@cowin.com F: (334)262-6642 F: (334)269-1514

Diagnosis

and filter change at the time of npling has been noted. No rective action is recommended at time. Resample at the next vice interval to monitor.The per level is abnormal. In the sence of other significant wear etals, suspect copper due to urces other than wear (i.e. cooling e). All other component wear rates normal. Fuel content negligible. ere is no indication of any ntamination in the oil. The oil cosity is lower than normal. The result indicates that there is table alkalinity remaining in the oil. nfirm oil type.

 Depot:
 VOLVO8532

 Unique No:
 10545743

 Signed:
 Don Baldridge

 Report Date:
 06 Jul 2023

Report Id: VOLVO8532 [WUSCAR] 05889933 (Generated: 07/07/2023 04:10:32) Rev: 1

1066

0 🔲

56

ppm

ppm

ppm

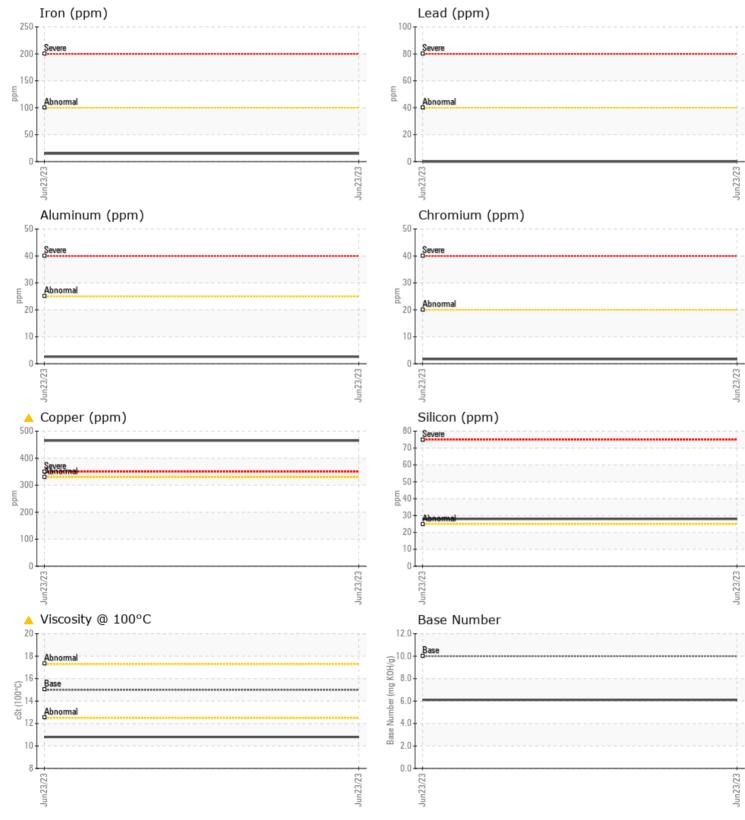
Contact/Location: BRYAN DICKS - VOLVO8532

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO8532 [WUSCAR] 05889933 (Generated: 07/07/2023 04:10:34) Rev: 1

Contact/Location: BRYAN DICKS - VOLVO8532