CONSTRUCTION EQUIPMENT SW0068260 A2 VOLVO EC350BL 314632 - DIESEL ENGINE

Sample No: VCP430857 **Oil Type:**

VOLVO

VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3 Job No: SW0068260 A2

VCP430857

SAMPLE INFORMATION

Sample Number

Sample Number		VCP430857	 	
Sample Date		27 Dec 2023	 	
Machine Hours		1518	 	
Oil Hours		0	 	
Oil Changed		Changed	 	
Sample Status		ABNORMAL	 	
OIL CONDI	TION			
Visc @ 100°C	cSt	10.9	 	
Base Number (BN)	mg KOH/g	8.1	 	
Oxidation (PA)	%	59	 	
CONTAMIN				
	IATION			
Water	%	NEG	 	
	-	NEG	 	
Water	%			
Water Soot %	%	0	 	
Water Soot % Nitration (PA)	% % %	0 53	 	
Water Soot % Nitration (PA) Sulfation (PA)	% % %	0 53 50	 	
Water Soot % Nitration (PA) Sulfation (PA) Glycol	% % % %	0 53 50 NEG	 	
Water Soot % Nitration (PA) Sulfation (PA) Glycol Fuel	% % % % %	0 53 50 NEG 5.7	 	

FAD METAL

WLAK I	METALS			
Iron	ppm	□ <1	 	
Copper	ppm	12	 	
Lead	ppm	0	 	
Tin	ppm	 <1	 	
Aluminum	ppm	2	 	
Chromium	ppm	0	 	
Molybdenum	ppm	89	 	
Nickel	ppm	0	 	
Titanium	ppm	<1	 	
Silver	ppm	0	 	
Manganese	ppm	□ <1	 	
Vanadium	maa	0	 	

ADDITIVES						
Calcium	ppm	1358				
Magnesium	ppm	603				
Zinc	ppm	936				
Phosphorus	ppm	686				
Barium	ppm	0				
Boron	ppm	100				



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

We advise that you check the fuel injection system. Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.All component wear rates are normal. There is a moderate amount of fuel present in the oil. Fuel is present in the oil and is lowering the viscosity. The BN result indicates that there is suitable alkalinity remaining in the oil.

Depot: VOLVO8247 Unique No: 10808882 Signed: Don Baldridge Report Date: 02 Jan 2024

Report Id: VOLVO8247 [WUSCAR] 06048274 (Generated: 01/02/2024 15:46:39) Rev: 1

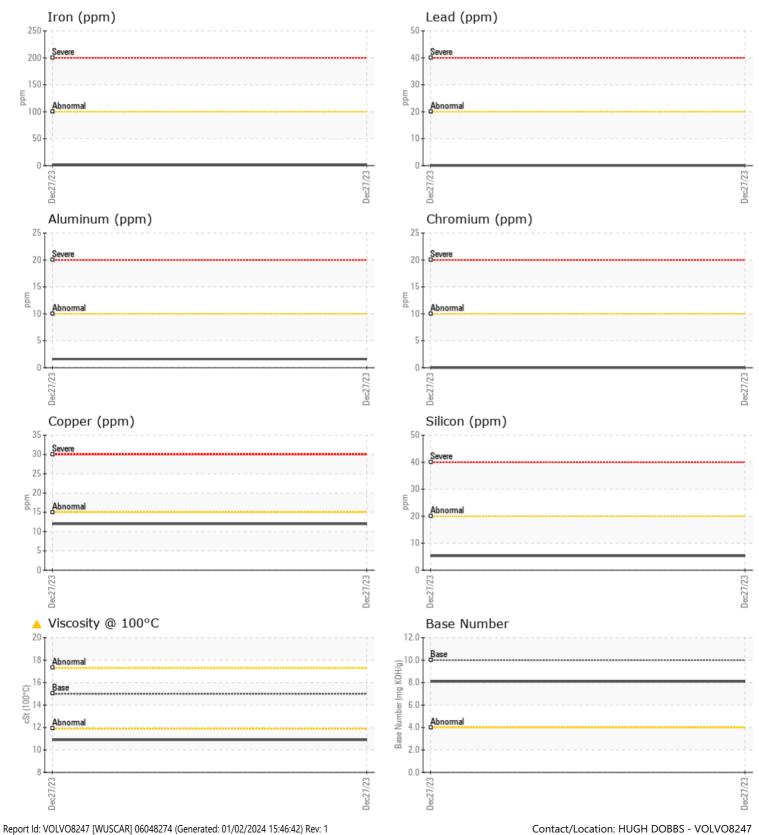
Contact/Location: HUGH DOBBS - VOLVO8247

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Contact/Location