# VOLVO

### CONSTRUCTION EQUIPMENT AMG SENNEBOGEN 835 835.0.2438 - DIESEL ENGINE

OIL 15W40 VDS-3



#### Sample No: VCP422146

Oil Type:	VOLVO ULTRA DIESEL ENGINE
Job No:	AMG

Sample Number		VCP422146	 	
Sample Date		15 Sep 2023	 	
Machine Hours		10840	 	
Oil Hours		500	 	
Oil Changed		Changed	 	
Sample Status		NORMAL	 	
VOLVO				
VIL CONE	DITION			
Visc @ 100°C	cSt	12.7	 	
Base Number (BN	) mg KOH/g	9.8	 	
Oxidation (PA)	%	90	 	

CONTAN	MINATION			
Soot %	%	∎0.1	 	
Nitration (PA)	%	69	 	
Sulfation (PA)	%	64	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	5	 	
Sodium	ppm	<b>4</b>	 	
Potassium	ppm	<b>4</b>	 	

## VOLVO

WEAR I	METALS			
Iron	ppm	2	 	 
Copper	ppm		 	
Lead	ppm	<b></b> <1	 	
Tin	ppm		 	
Aluminum	ppm	3	 	
Chromium	ppm	0	 	
Molybdenum	ppm	43	 	
Nickel	ppm	0	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	<b></b> <1	 	
Vanadium	ppm	<1	 	

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ADDITI	IVES			
Calcium	ppm	<b>1949</b>	 	
Magnesium	ppm	558	 	
Zinc	ppm	<b>1251</b>	 	
Phosphorus	ppm	996	 	
Barium	ppm	0	 	
Boron	ppm	39	 	



#### GREEN MACHINE SERVICES LLC

13 SPYROS DRIVE SOUTH AMBOY, NJ US 08879 Contact: JOE GRZANKOWSKI JOE@GREENMSRV.COM T: (732)673-5920 F:

#### 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:
 GRESOUNJ

 Unique No:
 10675091

 Signed:
 Wes Davis

 Report Date:
 04 Oct 2023

Report Id: GRESOUNJ [WUSCAR] 05968540 (Generated: 10/04/2023 15:37:29) Rev: 1

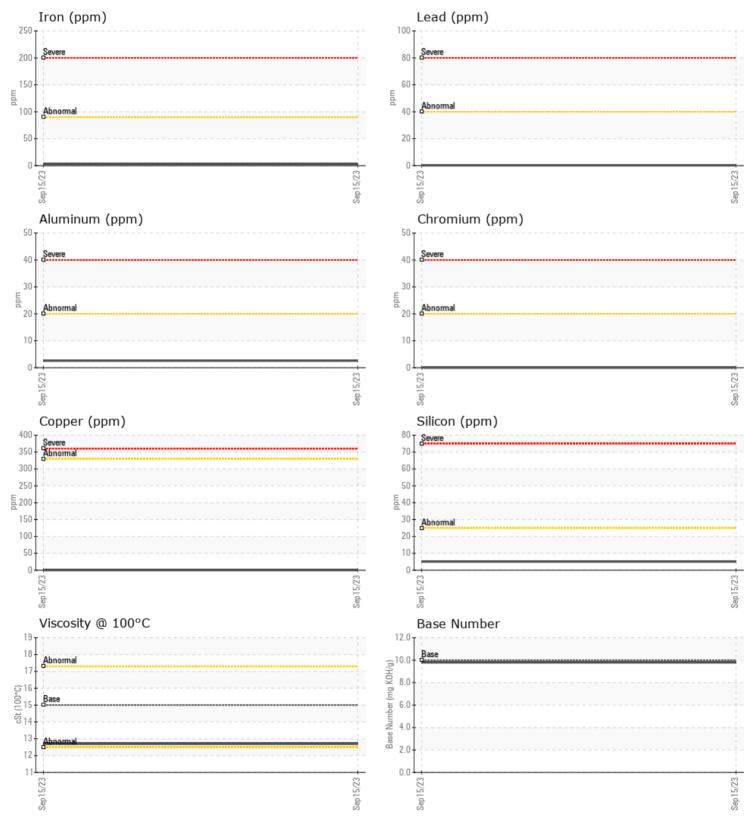
Contact/Location: JOE GRZANKOWSKI - GRESOUNJ

# **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Report Id: GRESOUNJ [WUSCAR] 05968540 (Generated: 10/04/2023 15:37:31) Rev: 1

Contact/Location: JOE GRZANKOWSKI - GRESOUNJ