

CONSTRUCTION EQUIPMENT SIMS SENNEBOGEN 830 830.0.3197 - DIESEL ENGINE



Sample No: VCP430812

Oil Type:	VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No:	SIMS

SAMPLE INFORMATION VCP430812 Sample Number Sample Date 17 Nov 2023 Machine Hours 2861 Oil Hours 800 Oil Changed Changed NORMAL Sample Status **OIL CONDITION** Visc @ 100°C cSt 12.7 Base Number (BN) mg KOH/g 8.0 Oxidation (PA) 98 %

CONTAMINATION							
Water	%	NEG					
Soot %	%	0.6					
Nitration (PA)	%	78					
Sulfation (PA)	%	68					
Glycol	%	NEG					
Fuel	%	<1.0					
Silicon	ppm	6					
Sodium	ppm	4					
Potassium	ppm	2					

WEAR METAL

WLAK	METALS			
Iron	ppm	18	 	
Copper	ppm	2	 	
Lead	ppm	0	 	
Tin	ppm		 	
Aluminum	ppm	2	 	
Chromium	ppm		 	
Molybdenum	ppm	41	 	
Nickel	ppm		 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	□ <1	 	
Vanadium	maa	0	 	

ADDITIVES 1638 Calcium ppm Magnesium 487 ppm Zinc ppm 1129 962 Phosphorus ppm Barium 0 🔲 ppm 42 Boron ppm



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:
 10756292

 Signed:
 Wes Davis

 Report Date:
 28 Nov 2023

Report Id: GRESOUNJ [WUSCAR] 06017148 (Generated: 11/29/2023 19:19:59) Rev: 1

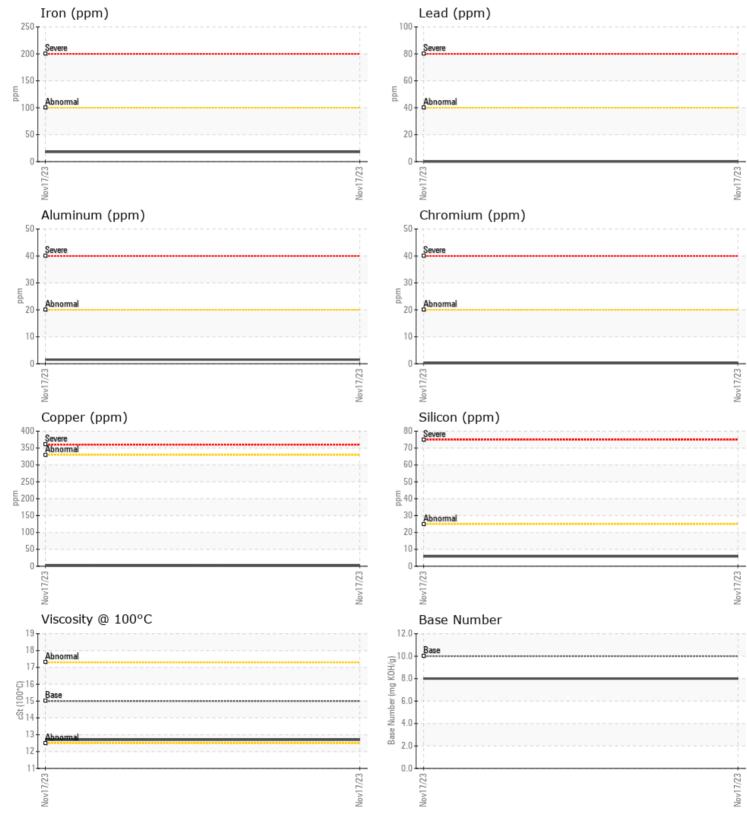
Contact/Location: JOE GRZANKOWSKI - GRESOUNJ

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: GRESOUNJ [WUSCAR] 06017148 (Generated: 11/29/2023 19:20:02) Rev: 1

Contact/Location: JOE GRZANKOWSKI - GRESOUNJ