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#### **CONSTRUCTION EQUIPMENT** 41969 SENNEBOGEN 821 821.0.1468 - DIESEL ENGINE



#### Sample No: VCP447014

Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3 Job No: 41969

### SAMPLE INFORMATION

Sample Number		VCP447014	 	
Sample Date		25 Apr 2024	 	
Machine Hours		7559	 	
Oil Hours		0	 	
Oil Changed		Changed	 	
Sample Status		NORMAL	 	
OIL CONDI	TION			
Visc @ 100°C	cSt	13.6	 	
Base Number (BN)	mg KOH/g	■ 10.0	 	
Oxidation (PA)	%	88	 	
CONTAMIN	ATION			
Water	%	NEG	 	
Coot 0/	0/			

water	%	NEG	 	
Soot %	%	0.9	 	
Nitration (PA)	%	73	 	
Sulfation (PA)	%	68	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	7	 	
Sodium	ppm	2	 	
Potassium	ppm	2	 	

#### WEAR MET

WEAR	METALS			
Iron	ppm	31	 	
Copper	ppm	5	 	
Lead	ppm	■ <1	 	
Tin	ppm		 	
Aluminum	ppm	4	 	
Chromium	ppm	2	 	
Molybdenum	ppm	54	 	
Nickel	ppm		 	
Titanium	ppm	<1	 	
Silver	ppm	0	 	
Manganese	ppm	■ <1	 	
Vanadium	maa	<1	 	

#### **ADDITIVES** Calcium 1732 ppm Magnesium 524 ppm Zinc ppm 1222 1013 Phosphorus ppm Barium ppm 2 96 Boron ppm



#### 215 - ASCENDUM MACHINERY INC - CAYCE

2303 AIRPORT BLVD CAYCE, SC US 29033 Contact: ROBBY HERLONG robby.herlong@ascendummachinery.com T: (803)394-6783 F: (803)791-9920

#### 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:
 VOLVO0013

 Unique No:
 10996690

 Signed:
 Wes Davis

 Report Date:
 29 Apr 2024

Report Id: VOLVO0013 [WUSCAR] 06161267 (Generated: 04/29/2024 13:51:11) Rev: 1

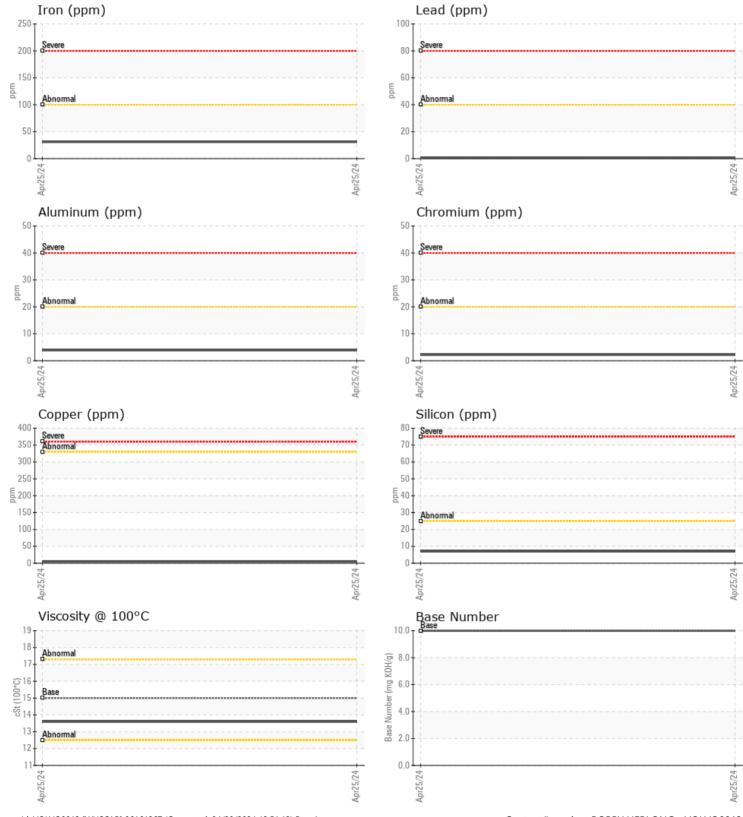
Contact/Location: ROBBY HERLONG - VOLVO0013

## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



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Contact/Location: ROBBY HERLONG - VOLVO0013