## CONSTRUCTION EQUIPMENT SWA367307 ALTER PEOR SENNEBOGEN 835M 835.0.2632 - DIES

Sample No: VCP396360

VOLVO

	16.555556
Oil Type:	VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No:	SWA367307 ALTER PEOR

2

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ppm

ppm

## SAMPLE INFORMATION

Sample Number		VCP396360	VCP363691		
Sample Date		17 Oct 2023	25 Oct 2022		
Machine Hours		8583	6250		
Oil Hours		2000	500		
Oil Changed		Changed	Changed		
Sample Status		NORMAL	NORMAL		
OIL COND					
Visc @ 100°C	cSt	<b>13.1</b>	13.2		
Base Number (BN	) mg KOH/g	<b>6.9</b>	7.5		
Oxidation (PA)	%	122	104		
CONTAM					
<u> </u>	-			<u>.</u>	
Soot %	%	0.3	0.3		
Nitration (PA)	%	99	103		
Sulfation (PA)	%	72	72		
Glycol	%	NEG	NEG		
Fuel	%	<1.0	< 1.0		
Silicon	ppm	5	5		



#### ALTA EQUIPMENT COMPANY

1035 WYLIE DRIVE BLOOMINGTON, IL US 61705 Contact: JUSTIN PERRY justin.perry@altg.com T: (309)533-9285 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.

Potassium

Sodium

WEAR I	METALS			
Iron	ppm	21	26	 
Copper	ppm		2	 
Lead	ppm	0	0	 
Tin	ppm	0	□ <1	 
Aluminum	ppm	2	4	 
Chromium	ppm		<1	 
Molybdenum	ppm	54	69	 
Nickel	ppm	0	0	 
Titanium	ppm	0	0	 
Silver	ppm	0	2	 
Manganese	ppm	□<1	< 1	 
Vanadium	ppm	0	0	 

1

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Vanadiui

ADDITIVES					
Calcium	ppm	1768	1328		
Magnesium	ppm	586	895		
Zinc	ppm	<b>1239</b>	1363		
Phosphorus	ppm	960	1066		
Barium	ppm	0	0		
Boron	ppm	26	7		

 Depot:
 VOLVO5054

 Unique No:
 10699584

 Signed:
 Jonathan Hester

 Report Date:
 20 Oct 2023

Report Id: VOLVO5054 [WUSCAR] 05982289 (Generated: 10/22/2023 20:00:29) Rev: 1

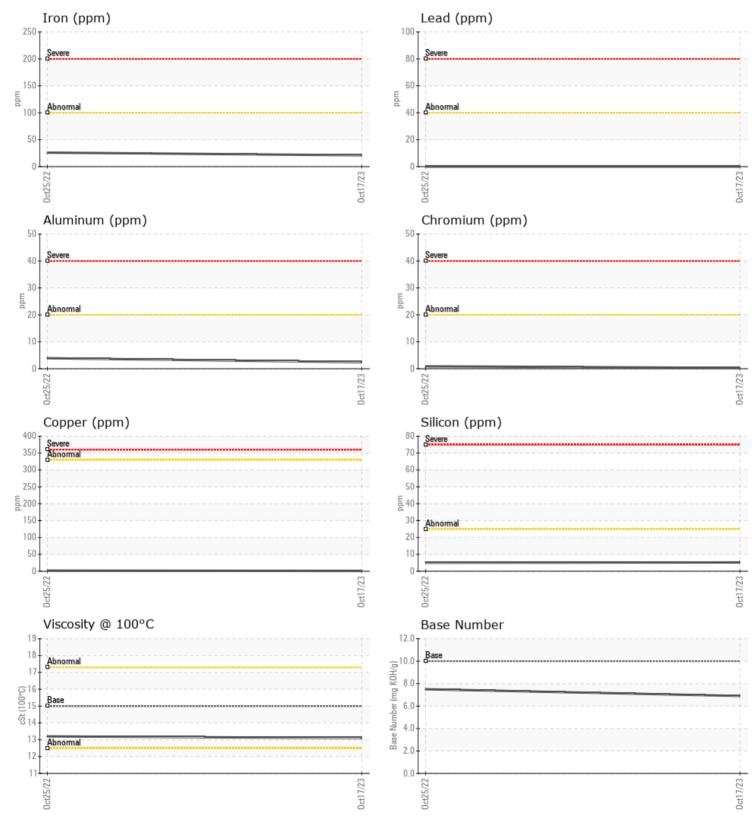
Contact/Location: JUSTIN PERRY - VOLVO5054

# **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



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Contact/Location: JUSTIN PERRY - VOLVO5054