## CONSTRUCTION EQUIPMENT SPM689631 ALTER ROCK SENNEBOGEN 835ME 835.0.3333 - DIESE

**Sample No:** VCP443799

VOLVO

Oil Type: DIESEL ENGINE OIL SAE 15W40 Job No: SPM689631 ALTER ROCK

SAMPLE IN	FORMATION			
Sample Number	-	VCP443799	 	
Sample Date		23 Apr 2024	 	
Machine Hours		344	 	
Oil Hours		0	 	
Oil Changed		Not Changd	 	
Sample Status		ATTENTION	 	
OIL CONDI	TION			
Visc @ 100°C	cSt	11.1	 	
Base Number (BN)	mg KOH/g	7.3	 	
Oxidation (PA)	%	65	 	
	IATION			
Water	%	NEG	 	

water	70	INEG	 	
Soot %	%	0.1	 	 (
Nitration (PA)	%	78	 	 l
Sulfation (PA)	%	53	 	
Glycol	%	NEG	 	
Fuel	%	■ 1.8	 	
Silicon	ppm	<b>1</b> 4	 	 (
Sodium	ppm	<b>4</b>	 	
Potassium	ppm	25	 	

WEAR METAL

WEAK I	METALS			
Iron	ppm	15	 	
Copper	ppm	<b>1</b> 3	 	
Lead	ppm	2	 	
Tin	ppm	<b>1</b>	 	
Aluminum	ppm	6	 	
Chromium	ppm		 	
Molybdenum	ppm	<b>79</b>	 	
Nickel	ppm	0	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	6	 	
Vanadium	ppm	0	 	

ADDITIVES					
Calcium	ppm	2140			
Magnesium	ppm	<b>107</b>			
Zinc	ppm	<b>1150</b>			
Phosphorus	ppm	970			
Barium	ppm	7			
Boron	ppm	62			



ALTA EQUIPMENT CO - ORLAND PARK

5000 INDUSTRIAL HWY GARY, IN US 46406 Contact: MARK DEROSA mark.derosa@altg.com T: (248)356-5200 F:

## Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor.Metal levels are typical for a new component breaking in. Fuel content negligible. There is no indication of any contamination in the oil. The oil viscosity is lower than normal. The BN result indicates that there is suitable alkalinity remaining in the oil. Confirm oil type.

 Depot:
 VOLVO8885

 Unique No:
 11016903

 Signed:
 Jonathan Hester

 Report Date:
 16 May 2024

Report Id: VOLVO8885 [WUSCAR] 06170850 (Generated: 05/16/2024 15:13:10) Rev: 1

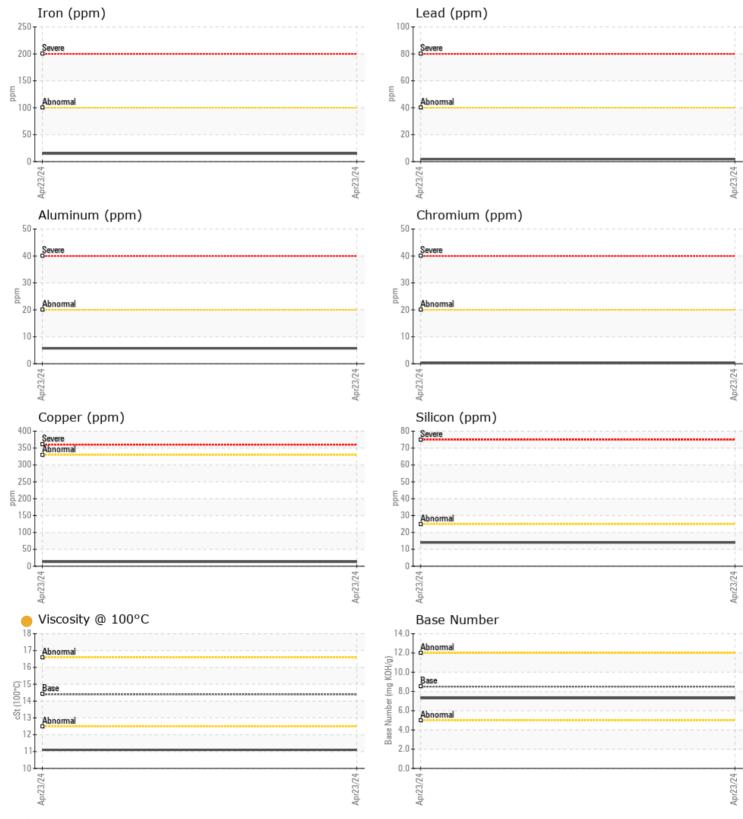
Contact/Location: MARK DEROSA - VOLVO8885

## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



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Contact/Location: MARK DEROSA - VOLVO8885