

CONSTRUCTION EQUIPMENT
SPM566282 SENNEBOGEN 835ME 835.0.2518 - LEFT SWING DRI

Sample No: VCP418510

Oil Type: **GEAR OIL SAE 80W90**

Job No: SPM566282

VOLVO					
SAMPLE	INFORMATION				
Sample Number	-	VCP418510	VCP404930	VCP377232	
Sample Date		20 Jun 2023	20 Mar 2023	20 May 2022	
Machine Hours		9340	8821	7229	
Oil Hours		0	0	0	
Oil Changed		Changed	Not Changd	Changed	
Sample Status		NORMAL	ABNORMAL	SEVERE	
Sample Status		NORIVIAL	ADINORIVIAL	SEVERE	
VOLVO					
OIL CON	DITION				
Visc @ 40°C	cSt	211	200	199	
VOLVO	INATION				
	INATION				
Water	%		△ 0.414	1.73	
Silicon	ppm	■20	28	2 2	
Sodium	ppm	■ <1	< 1	<1	
Potassium	ppm	■0	0	0	
WEAR M	FTAI C				
_		=46=		- 472	
Iron	ppm	167	212	473	
Copper	ppm	152	<u>^</u> 221	160	
Lead	ppm	■0	0	1	
Tin	ppm	4	<u> </u>	1 5	
Aluminum	ppm	■ <1	2	■3	
Chromium	ppm	1	2	4	
Molybdenum	ppm	■ <1	2	2	
Nickel	ppm	■0	- <1	1	
Titanium	ppm	<1	0	<1	
Silver	ppm	0	0	<1	
Manganese	ppm	2	■3	6	
Vanadium	ppm	0	0	0	
ADDITIV	ES				
Calcium	ppm	■332	□2094	1735	
Magnesium	ppm	7	2 6	□ 17	
Zinc	ppm	222	■904	765	
Phosphorus	ppm	510	■813	771	
Barium	ppm	0	0	0	
Boron	ppm	■0	1 1	2 7	



SIMS METAL MANAGEMENT

2500 S. PAULINA CHICAGO, IL US 60608 Contact: RYAN WISE ryan.wise@simsmm.com T: 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 condition of the oil is acceptable for the time in service.

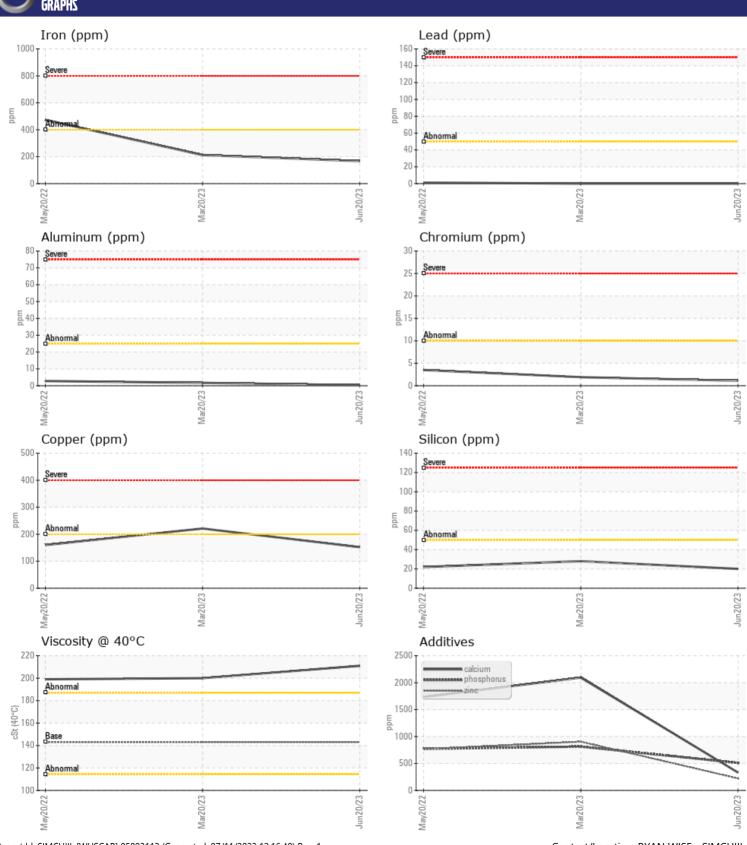
Depot: SIMCHIIL **Unique No:** 10548922 Signed: Don Baldridge Report Date: 11 Jul 2023



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Contact/Location: RYAN WISE - SIMCHIIL