

CONSTRUCTION EQUIPMENT

SPM620698 SENNEBOGEN 835E 835.0.2441 - RIGHT SWING DRI

Sample No: VCP425232
Oil Type: MOBIL SHC 630

SPM620698

Job No:

VOLVO	INFORMATION				
	INFURMATION				
Sample Number		VCP425232	VCP388559	VCP338610	
Sample Date		12 Oct 2023	15 Dec 2022	14 Mar 2022	
Machine Hours		6304	8600	5418	
Oil Hours		0	0	0	
Oil Changed		Not Changd	Changed	Not Changd	
Sample Status		SEVERE	SEVERE	SEVERE	
OIL CON	DITION				
			= 206		
Visc @ 40°C	cSt	207	■206	222	
VOLVO					
CONTAN	MINATION				
Water	%	3.63	1.51	3.70	
Silicon	ppm	■18	14	□29	
Sodium	ppm	■0	3	1 6	
Potassium	ppm		5	1 3	
1 Ottassium	РРШ			1 5	
VOLVO					
WEAR N	METALS				
Iron	ppm	A 789	2972	4814	
Copper	ppm	192	▲ 328	627	
Lead	ppm	-<1	- <1	2	
Tin	ppm	12	△ 23	4 3	
Aluminum	ppm	2	□5	■8	
Chromium	ppm	■7	2 7	9 39	
Molybdenum	ppm	■0	1	2	
Nickel	ppm	2	2	7	
Titanium	ppm	<1	<1	<1	
Silver	ppm	0	0	0	
Manganese	ppm	■ 7	2 1	■36	
Vanadium	ppm	<1	<1	<1	
VOLVO	IFC				
ADDITIV	JE7				
Calcium	ppm	■2108	2 4	■84	
Magnesium	ppm	■38	- <1	- <1	
Zinc	ppm	1020	124	260	
Phosphorus	ppm	■850	■331	□ 571	
Barium	ppm	0	- <1	0	
Boron	ppm	■8	■31	□ 74	



SIMS METAL MANAGEMENT

2500 S. PAULINA CHICAGO, IL US 60608 Contact: RYAN WISE ryan.wise@simsmm.com T:

F:

Diagnosis

We advise that you check for the source of water entry. We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition. Note that there appears to be a discrepancy in the total time on this component, when compared to the historical data. The iron level has decreased, but is still abnormal. Gear wear is indicated. There is a high concentration of water present in the oil. The oil is no longer serviceable due to the presence of contaminants.

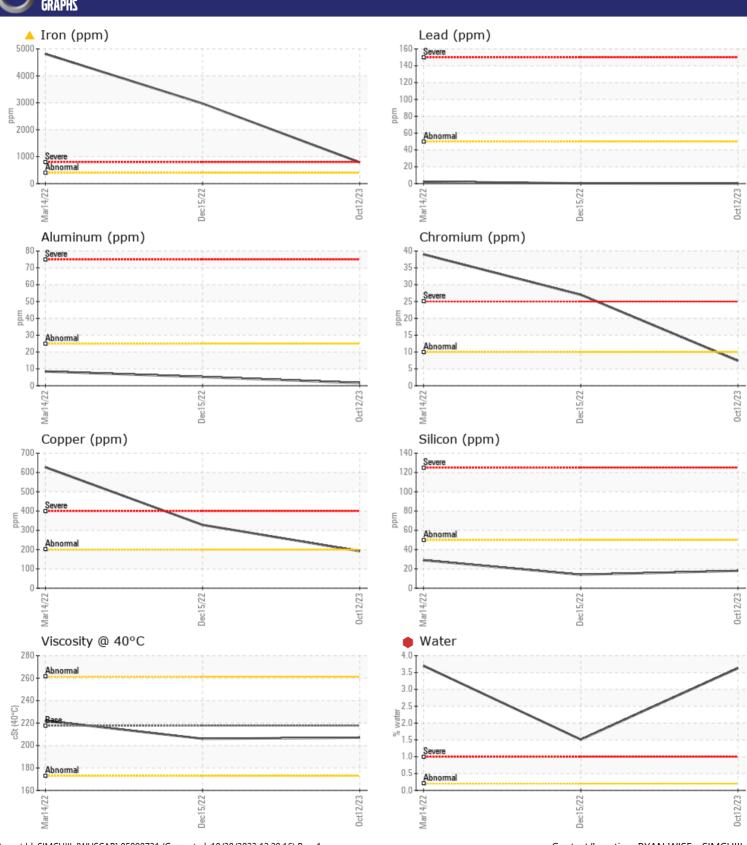
Depot:SIMCHIILUnique No:10713393Signed:Don BaldridgeReport Date:30 Oct 2023



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Contact/Location: RYAN WISE - SIMCHIIL