



CONSTRUCTION EQUIPMENT

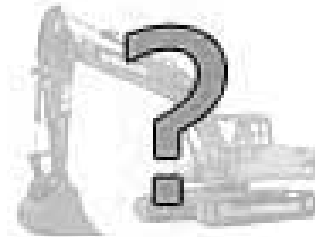
SPM566233 SENNEBOGEN 835ME 835.0.2859 - RIGHT SWING DRIVE



Sample No: VCP423167

Oil Type: SHELL 220

Job No: SPM566233



SAMPLE INFORMATION

Sample Number	VCP423167	VCP404306	VCP390838	VCP372255
Sample Date	13 Jun 2023	06 Apr 2023	12 Oct 2022	16 Jun 2022
Machine Hours	4333	3781	2517	1647
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Changed	Changed	Not Chngd
Sample Status	NORMAL	ABNORMAL	SEVERE	ABNORMAL

SIMS METAL MANAGEMENT

2500 S. PAULINA
CHICAGO, IL
US 60608

Contact: RYAN WISE
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OIL CONDITION

Visc @ 40°C	cSt	192	194	183	184
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CONTAMINATION

Silicon	ppm	28	19	9	8
Sodium	ppm	<1	0	0	0
Potassium	ppm	0	0	0	1



WEAR METALS

Iron	ppm	65	139	347	288
Copper	ppm	89	279	751	379
Lead	ppm	0	0	<1	<1
Tin	ppm	9	16	29	15
Aluminum	ppm	1	1	2	1
Chromium	ppm	<1	<1	3	2
Molybdenum	ppm	3	1	2	2
Nickel	ppm	0	0	<1	0
Titanium	ppm	<1	0	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	1	3	3
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3012	2975	2469	2298
Magnesium	ppm	77	41	32	28
Zinc	ppm	1077	982	684	758
Phosphorus	ppm	877	855	803	765
Barium	ppm	0	0	0	0
Boron	ppm	6	6	15	19

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: SIMCHIL
Unique No: 10548881
Signed: Wes Davis
Report Date: 10 Jul 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

