



CONSTRUCTION EQUIPMENT

SPM606511 SENNEBOGEN 835ME 835.0.2733 - LEFT SWING DRIVE



Sample No: VCP415092
Oil Type: MOBIL SHC 630
Job No: SPM606511



SAMPLE INFORMATION

Sample Number	VCP415092	VCP415093	VCP422837	VCP422607
Sample Date	19 Oct 2023	19 Oct 2023	18 Jul 2023	24 Apr 2023
Machine Hours	15132	7319	6795	6276
Oil Hours	0	0	0	0
Oil Changed	Not Changd	Not Changd	Changed	Not Changd
Sample Status	SEVERE	SEVERE	ABNORMAL	ABNORMAL

SIMS METAL MANAGEMENT

2500 S. PAULINA
 CHICAGO, IL
 US 60608
 Contact: RYAN WISE
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OIL CONDITION

Visc @ 40°C	cSt	161	190	202	205
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CONTAMINATION

Water	%	---	▲ 0.719	---	---
Silicon	ppm	17	20	21	21
Sodium	ppm	0	0	<1	1
Potassium	ppm	0	0	0	0



WEAR METALS

Iron	ppm	374	304	132	134
Copper	ppm	784	827	▲ 297	▲ 227
Lead	ppm	4	10	0	0
Tin	ppm	10	9	▲ 17	▲ 11
Aluminum	ppm	<1	1	2	1
Chromium	ppm	5	3	<1	<1
Molybdenum	ppm	<1	<1	2	1
Nickel	ppm	1	1	<1	<1
Titanium	ppm	0	<1	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	4	3	1	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	2035	2251	2296	1987
Magnesium	ppm	32	34	23	16
Zinc	ppm	790	877	1183	1050
Phosphorus	ppm	822	891	875	791
Barium	ppm	0	0	0	0
Boron	ppm	7	23	7	4

Diagnosis

We recommend that you drain the oil from the component if this has not already been done. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition. NOTE: one of two samples received with same ID and sampling date. Note that there appears to be a discrepancy in the total time on this component, when compared to the historical data. Bearing and/or bushing wear is indicated. There is no indication of any contamination in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: SIMCHIL
Unique No: 10713389
Signed: Don Baldrige
Report Date: 30 Oct 2023



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GRAPHS

