



CONSTRUCTION EQUIPMENT

SPM606511 SENNEBOGEN 835ME 835.0.2733 - RIGHT SWING DRIVE



Sample No: VCP415242
Oil Type: MOBIL SHC 630
Job No: SPM606511



SAMPLE INFORMATION

Sample Number	VCP415242	VCP415096	VCP423157	VCP382559
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	NORMAL

SIMS METAL MANAGEMENT

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

OIL CONDITION

Visc @ 40°C	cSt	189	161	201	207
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CONTAMINATION

Water	%	▲ 0.727	---	▲ 0.261	---
Silicon	ppm	20	17	19	17
Sodium	ppm	0	0	<1	1
Potassium	ppm	0	0	0	0

WEAR METALS

Iron	ppm	304	377	114	107
Copper	ppm	819	791	276	149
Lead	ppm	10	4	0	0
Tin	ppm	10	9	▲ 14	8
Aluminum	ppm	2	<1	2	1
Chromium	ppm	3	5	<1	<1
Molybdenum	ppm	<1	<1	2	1
Nickel	ppm	1	1	0	<1
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	3	4	1	1
Vanadium	ppm	0	0	0	0

ADDITIVES

Calcium	ppm	2254	2029	2253	1940
Magnesium	ppm	34	32	22	16
Zinc	ppm	882	781	1143	1047
Phosphorus	ppm	886	822	853	783
Barium	ppm	0	0	2	0
Boron	ppm	23	8	4	4

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 advise that you inspect for the source(s) of wear. 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. NOTE: one of two samples received with same ID and sampling date. Bearing and/or bushing wear is indicated. There is a moderate concentration of water present in the oil. The oil is no longer serviceable due to the presence of contaminants.

Depot: SIMCHIL
Unique No: 10713388
Signed: Don Baldrige
Report Date: 30 Oct 2023



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GRAPHS

