



CONSTRUCTION EQUIPMENT

SPM620256 SENNEBOGEN 835ME 835.0.2733 - RIGHT SWING DRIVE



Sample No: VCP415096
Oil Type: MOBIL SHC 630
Job No: SPM620256



SAMPLE INFORMATION

Sample Number	VCP415096	VCP423157	VCP382559	VCP343315
Sample Date	19 Oct 2023	18 Jul 2023	24 Apr 2023	23 Aug 2022
Machine Hours	7319	6795	6276	4781
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Changed	Not Chngd	Not Chngd
Sample Status	SEVERE	ABNORMAL	NORMAL	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	201	207	204
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CONTAMINATION

Water	%	---	▲ 0.261	---	---
Silicon	ppm	■ 17	■ 19	■ 17	■ 22
Sodium	ppm	■ 0	■ <1	■ 1	■ 0
Potassium	ppm	■ 0	■ 0	■ 0	■ 1



WEAR METALS

Iron	ppm	■ 377	■ 114	■ 107	■ 192
Copper	ppm	■ 791	▲ 276	■ 149	▲ 306
Lead	ppm	■ 4	■ 0	■ 0	■ 0
Tin	ppm	■ 9	▲ 14	■ 8	▲ 16
Aluminum	ppm	■ <1	■ 2	■ 1	■ 2
Chromium	ppm	■ 5	■ <1	■ <1	■ 1
Molybdenum	ppm	■ <1	2	1	■ 1
Nickel	ppm	■ 1	■ 0	■ <1	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	■ 4	1	1	■ 2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	■ 2029	2253	1940	■ 1847
Magnesium	ppm	■ 32	22	16	■ 10
Zinc	ppm	■ 781	1143	1047	■ 875
Phosphorus	ppm	■ 822	853	783	■ 694
Barium	ppm	■ 0	2	0	■ 0
Boron	ppm	■ 8	4	4	■ 7

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. 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: 10713354
Signed: Don Baldrige
Report Date: 30 Oct 2023



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GRAPHS

