



CONSTRUCTION EQUIPMENT

SPM645920 SENNEBOGEN 835ME 835.0.2902 - RIGHT SWING DRIVE



Sample No: VCP422968
Oil Type: MOBIL SHC 630
Job No: SPM645920



SAMPLE INFORMATION

Sample Number	VCP422968	VCP409233	VCP423176	VCP05839576
Sample Date	29 Nov 2023	28 Sep 2023	26 Jun 2023	19 Apr 2023
Machine Hours	5105	4557	3988	3469
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Changed	Not Chngd	Changed
Sample Status	NORMAL	MARGINAL	NORMAL	ABNORMAL

SIMS METAL MANAGEMENT

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

Visc @ 40°C	cSt	195	209	210	174
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CONTAMINATION

Water	%	NEG	▲ 0.253	NEG	NEG
Silicon	ppm	14	15	22	13
Sodium	ppm	1	<1	<1	2
Potassium	ppm	8	<1	0	<1

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.



WEAR METALS

Iron	ppm	93	148	147	▲ 477
Copper	ppm	168	167	161	▲ 421
Lead	ppm	2	1	0	0
Tin	ppm	8	7	7	▲ 24
Aluminum	ppm	2	<1	<1	2
Chromium	ppm	<1	<1	<1	3
Molybdenum	ppm	1	0	<1	2
Nickel	ppm	0	0	0	1
Titanium	ppm	0	<1	<1	<1
Silver	ppm	0	0	0	0
Manganese	ppm	1	2	1	5
Vanadium	ppm	0	<1	0	0



ADDITIVES

Calcium	ppm	1548	173	287	1739
Magnesium	ppm	22	3	7	23
Zinc	ppm	712	123	162	636
Phosphorus	ppm	653	475	505	714
Barium	ppm	0	0	<1	0
Boron	ppm	5	2	2	24

Depot: SIMCHIL
Unique No: 10793398
Signed: Jonathan Hester
Report Date: 20 Dec 2023



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GRAPHS

