



CONSTRUCTION EQUIPMENT

SPM688692 SENNEBOGEN 835ME 835.0.2542 - LEFT SWING DRIVE



Sample No: VCP426434
Oil Type: TDTO FLUID SAE 50
Job No: SPM688692



SAMPLE INFORMATION

Sample Number	VCP426434	VCP404748	VCP387446	VCP364799
Sample Date	01 Apr 2024	04 Apr 2023	01 Dec 2022	22 Sep 2022
Machine Hours	9624	7921	7465	7036
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Changed	Not Chngd
Sample Status	NORMAL	ABNORMAL	ABNORMAL	SEVERE

SIMS METAL MANAGEMENT

2500 S. PAULINA
CHICAGO, IL
US 60608

Contact: RYAN WISE
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OIL CONDITION

Visc @ 40°C	cSt	197	197	198	193
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	21	27	32	39
Sodium	ppm	2	0	<1	0
Potassium	ppm	<1	0	<1	2

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	113	112	179	187
Copper	ppm	43	▲ 202	▲ 397	▲ 573
Lead	ppm	<1	1	0	<1
Tin	ppm	<1	9	▲ 18	▲ 34
Aluminum	ppm	<1	<1	<1	3
Chromium	ppm	0	0	<1	1
Molybdenum	ppm	1	2	2	3
Nickel	ppm	0	0	<1	0
Titanium	ppm	0	0	0	<1
Silver	ppm	0	0	0	0
Manganese	ppm	3	1	1	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	2182	3019	2788	3762
Magnesium	ppm	36	39	25	38
Zinc	ppm	1001	1046	944	1120
Phosphorus	ppm	886	846	871	1095
Barium	ppm	12	0	0	0
Boron	ppm	10	6	10	10

Depot: SIMCHIL
Unique No: 10990252
Signed: Wes Davis
Report Date: 22 Apr 2024



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GRAPHS

