



CONSTRUCTION EQUIPMENT

SPM688692 SENNEBOGEN 835ME 835.0.2542 - RIGHT SWING DRIVE



Sample No: VCP427405
Oil Type: GEAR OIL SAE 80W90
Job No: SPM688692



SAMPLE INFORMATION

Sample Number	VCP427405	VCP404743	VCP387463	VCP364798
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	NORMAL	ABNORMAL	ABNORMAL

SIMS METAL MANAGEMENT

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



OIL CONDITION

Visc @ 40°C	cSt	195	199	207	194
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	21	42	40	30
Sodium	ppm	2	<1	<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	105	186	255	131
Copper	ppm	44	180	553	427
Lead	ppm	<1	1	0	0
Tin	ppm	<1	13	41	17
Aluminum	ppm	<1	<1	2	2
Chromium	ppm	0	<1	1	1
Molybdenum	ppm	1	2	2	3
Nickel	ppm	0	0	2	0
Titanium	ppm	0	0	0	<1
Silver	ppm	0	0	0	0
Manganese	ppm	3	2	2	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	2184	3241	3072	3358
Magnesium	ppm	35	45	29	29
Zinc	ppm	1002	1077	954	1136
Phosphorus	ppm	888	864	876	1072
Barium	ppm	12	0	0	0
Boron	ppm	10	5	8	9

Depot: SIMCHIL
Unique No: 10990259
Signed: Don Baldrige
Report Date: 23 Apr 2024



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GRAPHS

