



CONSTRUCTION EQUIPMENT

SPM686831 SENNEBOGEN 835ME 835.0.2902 - RIGHT SWING DRIVE



Sample No: VCP415341
Oil Type: GEAR OIL SAE 80W90
Job No: SPM686831



SAMPLE INFORMATION

Sample Number	VCP415341	VCP422968	VCP409233	VCP423176
Sample Date	12 Mar 2024	29 Nov 2023	28 Sep 2023	26 Jun 2023
Machine Hours	5160	5105	4557	3988
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Changd	Changed	Not Changd
Sample Status	ABNORMAL	NORMAL	MARGINAL	NORMAL

SIMS METAL MANAGEMENT

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



OIL CONDITION

Visc @ 40°C	cSt	195	195	209	210
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CONTAMINATION

Water	%	NEG	NEG	▲ 0.253	NEG
Silicon	ppm	18	14	15	22
Sodium	ppm	1	1	<1	<1
Potassium	ppm	0	8	<1	0

Diagnosis

No corrective action is recommended at this time. The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. Bearing and/or bushing wear is indicated. 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	167	93	148	147
Copper	ppm	▲ 376	168	167	161
Lead	ppm	0	2	1	0
Tin	ppm	▲ 16	8	7	7
Aluminum	ppm	<1	2	<1	<1
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	<1	1	0	<1
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	<1	<1
Silver	ppm	0	0	0	0
Manganese	ppm	2	1	2	1
Vanadium	ppm	0	0	<1	0



ADDITIVES

Calcium	ppm	2370	1548	173	287
Magnesium	ppm	11	22	3	7
Zinc	ppm	911	712	123	162
Phosphorus	ppm	926	653	475	505
Barium	ppm	0	0	0	<1
Boron	ppm	4	5	2	2

Depot: SIMCHIL
Unique No: 10990325
Signed: Sean Felton
Report Date: 24 Apr 2024



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GRAPHS

