



CONSTRUCTION EQUIPMENT

SPM686818 SENNEBOGEN 835 835.0.2015 - LEFT SWING DRIVE



Sample No: VCP407392
Oil Type: GEAR OIL SAE 80W90
Job No: SPM686818



SAMPLE INFORMATION

Sample Number	VCP407392	VCP365837	VCP373880	VCP358519
Sample Date	15 Mar 2024	26 Jan 2023	02 Aug 2022	07 Apr 2022
Machine Hours	24766	23836	23382	22573
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Changed
Sample Status	NORMAL	NORMAL	ABNORMAL	ABNORMAL

SIMS METAL MANAGEMENT

2500 S. PAULINA
CHICAGO, IL
US 60608

Contact: RYAN WISE
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OIL CONDITION

Visc @ 40°C	cSt	199	185	186	214
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CONTAMINATION

Water	%	NEG	NEG	▲ 0.228	NEG
Silicon	ppm	26	11	11	10
Sodium	ppm	0	0	0	0
Potassium	ppm	2	5	0	10

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	143	310	221	▲ 656
Copper	ppm	51	186	152	▲ 181
Lead	ppm	2	<1	2	<1
Tin	ppm	1	8	7	▲ 21
Aluminum	ppm	2	<1	1	2
Chromium	ppm	1	2	1	3
Molybdenum	ppm	2	3	3	<1
Nickel	ppm	<1	0	<1	0
Titanium	ppm	<1	0	0	<1
Silver	ppm	<1	0	0	0
Manganese	ppm	4	2	1	4
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	2240	2802	2773	15
Magnesium	ppm	12	35	37	3
Zinc	ppm	1004	976	983	52
Phosphorus	ppm	797	884	863	425
Barium	ppm	16	<1	0	0
Boron	ppm	10	29	40	24

Depot: SIMCHIL
Unique No: 10941448
Signed: Sean Felton
Report Date: 27 Mar 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

