



CONSTRUCTION EQUIPMENT

SPM731355 SENNEBOGEN 835ME 835.0.2266 - LEFT SWING DRIVE



Sample No: VCP443709
Oil Type: GEAR OIL SAE 80W90
Job No: SPM731355



SAMPLE INFORMATION

Sample Number	VCP443709	VCP422976	VCP422529	---
Sample Date	08 Jul 2024	11 Aug 2023	09 May 2023	---
Machine Hours	21313	19533	19009	---
Oil Hours	0	0	0	---
Oil Changed	Not Chngd	Not Chngd	Not Chngd	---
Sample Status	NORMAL	NORMAL	NORMAL	---

SIMS METAL MANAGEMENT

2500 S. PAULINA
CHICAGO, IL
US 60608
Contact: RYAN WISE
ryan.wise@simsmm.com
T:
F:



OIL CONDITION

Visc @ 40°C	cSt	146	196	199	---
-------------	-----	------------	-----	-----	-----



CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	5	22	23	---
Sodium	ppm	0	0	<1	---
Potassium	ppm	2	<1	<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	37	44	33	---
Copper	ppm	122	98	62	---
Lead	ppm	3	2	1	---
Tin	ppm	2	2	1	---
Aluminum	ppm	2	1	<1	---
Chromium	ppm	<1	<1	<1	---
Molybdenum	ppm	<1	2	2	---
Nickel	ppm	<1	0	<1	---
Titanium	ppm	<1	0	0	---
Silver	ppm	<1	0	0	---
Manganese	ppm	<1	<1	<1	---
Vanadium	ppm	<1	0	0	---



ADDITIVES

Calcium	ppm	516	3290	3022	---
Magnesium	ppm	14	45	45	---
Zinc	ppm	254	1130	1063	---
Phosphorus	ppm	534	936	857	---
Barium	ppm	0	0	0	---
Boron	ppm	2	12	9	---

Depot: SIMCHIL
Unique No: 11129510
Signed: Don Baldrige
Report Date: 20 Jul 2024



CONSTRUCTION EQUIPMENT



GRAPHS

