



CONSTRUCTION EQUIPMENT

SPM731355 SENNEBOGEN 835ME 835.0.2266 - REAR AXLE



Sample No: VCP435702
Oil Type: GEAR OIL SAE 80W90
Job No: SPM731355



SAMPLE INFORMATION

Sample Number	VCP435702	VCP422971	VCP422518	---
Sample Date	08 Jul 2024	11 Aug 2023	09 May 2023	---
Machine Hours	21313	19533	19009	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Not Changd	---
Sample Status	NORMAL	NORMAL	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	135	141	140	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	6	16	9	---
Sodium	ppm	0	0	0	---
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	93	271	125	---
Copper	ppm	25	28	20	---
Lead	ppm	<1	<1	0	---
Tin	ppm	<1	0	0	---
Aluminum	ppm	2	<1	0	---
Chromium	ppm	<1	2	<1	---
Molybdenum	ppm	1	2	2	---
Nickel	ppm	<1	<1	<1	---
Titanium	ppm	<1	<1	0	---
Silver	ppm	<1	0	0	---
Manganese	ppm	2	4	2	---
Vanadium	ppm	<1	0	0	---



ADDITIVES

Calcium	ppm	298	593	479	---
Magnesium	ppm	12	15	12	---
Zinc	ppm	195	274	246	---
Phosphorus	ppm	488	561	461	---
Barium	ppm	0	0	0	---
Boron	ppm	20	45	34	---

Depot: SIMCHIL
Unique No: 11129511
Signed: Wes Davis
Report Date: 19 Jul 2024



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GRAPHS

