



CONSTRUCTION EQUIPMENT

SPM646500 AMG SENNEBOGEN 835M 835.0.2002 - RIGHT SWING DRIVE



Sample No: VCP435722
Oil Type: GEAR OIL SAE 80W90
Job No: SPM646500 AMG



SAMPLE INFORMATION

Sample Number	VCP435722	VCP406719	VCP328727	---
Sample Date	04 Jan 2024	14 Apr 2023	30 Aug 2021	---
Machine Hours	15647	13746	8073	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Not Changd	Changed	---
Sample Status	ABNORMAL	SEVERE	NORMAL	---

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5000 INDUSTRIAL HWY
GARY, IN
US 46406
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F:



OIL CONDITION

Visc @ 40°C	cSt	195	197	230	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	17	22	4	---
Sodium	ppm	0	3	5	---
Potassium	ppm	3	8	19	---

Diagnosis

The oil change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. The copper level has decreased, but is still abnormal. All other 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	226	377	255	---
Copper	ppm	313	760	61	---
Lead	ppm	10	25	2	---
Tin	ppm	7	23	4	---
Aluminum	ppm	1	2	3	---
Chromium	ppm	3	3	2	---
Molybdenum	ppm	1	2	1	---
Nickel	ppm	2	3	2	---
Titanium	ppm	<1	0	0	---
Silver	ppm	<1	0	<1	---
Manganese	ppm	2	3	2	---
Vanadium	ppm	<1	0	0	---



ADDITIVES

Calcium	ppm	176	1620	6	---
Magnesium	ppm	<1	12	1	---
Zinc	ppm	128	682	26	---
Phosphorus	ppm	410	714	421	---
Barium	ppm	0	0	0	---
Boron	ppm	7	24	33	---

Depot: VOLVO8885
Unique No: 10883398
Signed: Don Baldrige
Report Date: 17 Feb 2024



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GRAPHS

