



CONSTRUCTION EQUIPMENT

SPM606511 SENNEBOGEN 835ME 835.0.2733 - FRONT LEFT FINAL DRIVE



Sample No: VCP415035
Oil Type: GEAR OIL SAE 80W90
Job No: SPM606511



SAMPLE INFORMATION

Sample Number	VCP415035	VCP427373	VCP342025	---
Sample Date	19 Oct 2023	19 Oct 2023	04 Nov 2021	---
Machine Hours	15132	7319	2994	---
Oil Hours	0	0	0	---
Oil Changed	Not Chngd	Not Chngd	Not Chngd	---
Sample Status	ABNORMAL	NORMAL	ABNORMAL	---

SIMS METAL MANAGEMENT

2500 S. PAULINA
CHICAGO, IL
US 60608

Contact: RYAN WISE
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T:
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OIL CONDITION

Visc @ 40°C	cSt	187	186	184	---
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CONTAMINATION

Silicon	ppm	23	18	10	---
Sodium	ppm	0	0	5	---
Potassium	ppm	6	0	<1	---



WEAR METALS

Iron	ppm	575	166	409	---
Copper	ppm	3	16	183	---
Lead	ppm	0	0	<1	---
Tin	ppm	0	0	<1	---
Aluminum	ppm	1	<1	7	---
Chromium	ppm	2	<1	3	---
Molybdenum	ppm	<1	0	<1	---
Nickel	ppm	<1	<1	<1	---
Titanium	ppm	<1	<1	<1	---
Silver	ppm	0	0	<1	---
Manganese	ppm	8	3	16	---
Vanadium	ppm	<1	0	0	---



ADDITIVES

Calcium	ppm	2931	2485	16	---
Magnesium	ppm	52	35	4	---
Zinc	ppm	1075	1019	148	---
Phosphorus	ppm	921	890	1149	---
Barium	ppm	0	0	265	---
Boron	ppm	10	8	5	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. Note that there appears to be a discrepancy in the total time on this component, when compared to the historical data. Gear wear is indicated. 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.

Depot: SIMCHIL
Unique No: 10713398
Signed: Don Baldrige
Report Date: 30 Oct 2023

VOLVO **GRAPHS**

