



CONSTRUCTION EQUIPMENT

SPM581453 SENNEBOGAN 835M 835.0.2 195 - FRONT RIGHT FINAL DRIVE



Sample No: VCP401716
Oil Type: GEAR OIL SAE 80W90
Job No: SPM581453



SAMPLE INFORMATION

Sample Number	VCP401716	VCP404283	---	---
Sample Date	02 Aug 2023	03 Apr 2023	---	---
Machine Hours	18054	17516	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Changed	---	---
Sample Status	ABNORMAL	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	█ 138	█ 143	---	---
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CONTAMINATION

Silicon	ppm	█ 6	█ 3	---	---
Sodium	ppm	█ <1	█ 1	---	---
Potassium	ppm	█ <1	█ 0	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. Gear wear is indicated. 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	▲ 694	█ 11	---	---
Copper	ppm	█ 8	█ 16	---	---
Lead	ppm	█ <1	█ 0	---	---
Tin	ppm	█ 0	█ 0	---	---
Aluminum	ppm	█ 2	█ <1	---	---
Chromium	ppm	█ 3	█ 0	---	---
Molybdenum	ppm	█ 2	█ <1	---	---
Nickel	ppm	█ 1	█ <1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	█ 11	█ <1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	█ 33	█ 10	---	---
Magnesium	ppm	█ 11	█ 3	---	---
Zinc	ppm	█ 19	█ 16	---	---
Phosphorus	ppm	█ 671	█ 461	---	---
Barium	ppm	█ 2	█ 0	---	---
Boron	ppm	█ 72	█ 39	---	---

Depot: SIMCHIL
Unique No: 10602470
Signed: Sean Felton
Report Date: 14 Aug 2023



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VOLVO GRAPHS

