



CONSTRUCTION EQUIPMENT

SPM606653 SENNEBOGEN 835 835.0.3213 - FRONT AXLE



Sample No: VCP415020
Oil Type: GEAR OIL SAE 80W90
Job No: SPM606653



SAMPLE INFORMATION

Sample Number	VCP415020	---	---	---
Sample Date	12 Sep 2023	---	---	---
Machine Hours	543	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	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	---	---	---
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CONTAMINATION

Silicon	ppm	█ 3	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 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	█ 6	---	---	---
Copper	ppm	█ 11	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 19	---	---	---
Magnesium	ppm	█ 2	---	---	---
Zinc	ppm	█ 17	---	---	---
Phosphorus	ppm	█ 1770	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 155	---	---	---

Depot: SIMCHIL
Unique No: 10658506
Signed: Don Baldrige
Report Date: 22 Sep 2023



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GRAPHS

