



CONSTRUCTION EQUIPMENT

SPM686818 SENNEBOGEN 835 835.0.2015 - FRONT AXLE



Sample No: VCP407400
Oil Type: GEAR OIL SAE 80W90
Job No: SPM686818



SAMPLE INFORMATION

Sample Number	VCP407400	VCP365829	---	---
Sample Date	15 Mar 2024	26 Jan 2023	---	---
Machine Hours	24766	23836	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	NORMAL	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	█ 161	█ 149	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	█ 8	█ 4	---	---
Sodium	ppm	█ 0	█ 0	---	---
Potassium	ppm	█ 2	█ 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	█ 4	█ 157	---	---
Copper	ppm	█ 8	█ 10	---	---
Lead	ppm	█ 1	█ 0	---	---
Tin	ppm	█ 1	█ 0	---	---
Aluminum	ppm	█ 2	█ 0	---	---
Chromium	ppm	█ <1	█ <1	---	---
Molybdenum	ppm	█ 1	█ <1	---	---
Nickel	ppm	█ <1	█ 0	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	█ <1	█ 2	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

Calcium	ppm	█ 671	█ 120	---	---
Magnesium	ppm	█ 7	█ 6	---	---
Zinc	ppm	█ 297	█ 58	---	---
Phosphorus	ppm	█ 536	█ 430	---	---
Barium	ppm	█ 2	█ <1	---	---
Boron	ppm	█ 4	█ 44	---	---

Depot: SIMCHIL
Unique No: 10941443
Signed: Sean Felton
Report Date: 27 Mar 2024



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GRAPHS

