



CONSTRUCTION EQUIPMENT

SPM580216 SENNEBOGEN 835ME 835.0.2733 - REAR DIFFERENTIAL



Sample No: VCP422838

Oil Type: SHELL 220

Job No: SPM580216



SAMPLE INFORMATION

Sample Number	VCP422838	---	---	---
Sample Date	18 Jul 2023	---	---	---
Machine Hours	6795	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
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	█ 174	---	---	---
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CONTAMINATION

Silicon	ppm	█ 48	---	---	---
Sodium	ppm	█ 4	---	---	---
Potassium	ppm	█ 0	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. 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	█ 118	---	---	---
Copper	ppm	█ 30	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	3	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	85	---	---	---
Magnesium	ppm	2	---	---	---
Zinc	ppm	56	---	---	---
Phosphorus	ppm	1138	---	---	---
Barium	ppm	268	---	---	---
Boron	ppm	7	---	---	---

Depot: SIMCHIL
Unique No: 10574659
Signed: Angela Borella
Report Date: 28 Jul 2023



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GRAPHS

