



CONSTRUCTION EQUIPMENT

SPM621611 SENNEBOGEN 835 835.0.2465 - REAR LEFT FINAL DRIVE



Sample No: VCP440561
Oil Type: GEAR OIL SAE 80W90
Job No: SPM621611



SAMPLE INFORMATION

Sample Number	VCP440561	VCP387457	---	---
Sample Date	18 Oct 2023	11 Apr 2023	---	---
Machine Hours	8621	7962	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Changed	Changed	---	---
Sample Status	ABNORMAL	NORMAL	---	---

ALTA EQUIPMENT CO - ORLAND PARK
5000 INDUSTRIAL HWY
GARY, IN
US 46406
Contact: DAVE ENG
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F:

OIL CONDITION

Visc @ 40°C	cSt	█ 141	█ 184	---	---
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CONTAMINATION

Water	%	▲ 0.977	---	---	---
Silicon	ppm	█ 7	█ 6	---	---
Sodium	ppm	█ 3	█ 5	---	---
Potassium	ppm	█ 1	█ 0	---	---

Diagnosis

We advise that you check for the source of water entry. We recommend an early resample to monitor this condition. All component wear rates are normal. There is a moderate concentration of water present in the oil. The condition of the oil is acceptable for the time in service.

WEAR METALS

Iron	ppm	█ 212	█ 79	---	---
Copper	ppm	█ 19	█ 48	---	---
Lead	ppm	█ 0	█ 0	---	---
Tin	ppm	█ 0	█ 0	---	---
Aluminum	ppm	█ <1	█ <1	---	---
Chromium	ppm	█ 0	█ <1	---	---
Molybdenum	ppm	█ 3	█ <1	---	---
Nickel	ppm	█ 0	█ <1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	█ 3	█ 2	---	---
Vanadium	ppm	0	0	---	---

ADDITIVES

Calcium	ppm	█ 1500	█ 23	---	---
Magnesium	ppm	█ 291	█ 3	---	---
Zinc	ppm	█ 737	█ 41	---	---
Phosphorus	ppm	█ 872	█ 1136	---	---
Barium	ppm	█ 83	█ 366	---	---
Boron	ppm	█ 52	0	---	---

Depot: VOLVO8885
Unique No: 10738458
Signed: Sean Felton
Report Date: 14 Nov 2023



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GRAPHS

