



CONSTRUCTION EQUIPMENT

SPM621611 SENNEBOGEN 835 835.0.2465 - FRONT RIGHT FINAL DRIVE



Sample No: VCP440566
Oil Type: GEAR OIL SAE 80W90
Job No: SPM621611



SAMPLE INFORMATION

Sample Number	VCP440566	VCP365841	---	---
Sample Date	18 Oct 2023	11 Apr 2023	---	---
Machine Hours	8621	7962	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Changed	---	---
Sample Status	SEVERE	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	█ 116	█ 183	---	---
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CONTAMINATION

Water	%	█ 1.46	---	---	---
Silicon	ppm	█ 9	█ 3	---	---
Sodium	ppm	█ <1	█ 8	---	---
Potassium	ppm	█ 4	█ <1	---	---

Diagnosis

We advise that you check for the source of water entry. We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition. All component wear rates are normal. There is a high concentration of water present in the oil. The oil is no longer serviceable due to the presence of contaminants.



WEAR METALS

Iron	ppm	█ 68	█ 258	---	---
Copper	ppm	█ 6	█ 24	---	---
Lead	ppm	█ <1	█ 0	---	---
Tin	ppm	█ <1	█ 0	---	---
Aluminum	ppm	█ 2	█ 3	---	---
Chromium	ppm	█ <1	█ 2	---	---
Molybdenum	ppm	█ 9	█ 1	---	---
Nickel	ppm	█ 0	█ <1	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	█ 1	█ 11	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	█ 1440	█ 19	---	---
Magnesium	ppm	█ 583	█ 5	---	---
Zinc	ppm	█ 966	█ 78	---	---
Phosphorus	ppm	█ 727	█ 1130	---	---
Barium	ppm	█ 0	█ 255	---	---
Boron	ppm	█ 93	0	---	---

Depot: VOLVO8885
Unique No: 10738393
Signed: Don Baldrige
Report Date: 14 Nov 2023



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GRAPHS

