



CONSTRUCTION EQUIPMENT

SPM593006 SENNEBOGEN 840ME 840.0.2170 - FRONT RIGHT FINAL DRIVE



Sample No: VCP422926
Oil Type: GEAR OIL SAE 80W90
Job No: SPM593006



SAMPLE INFORMATION

Sample Number	VCP422926	VCP299443	VCP323156	---
Sample Date	14 Aug 2023	15 Sep 2021	15 Sep 2021	---
Machine Hours	8508	3424	3424	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

ALTA CONSTRUCTION EQUIPMENT

613 E STEVENSON RD
OTTAWA, IL
US 61350
Contact: ALEX MARCO
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OIL CONDITION

Visc @ 40°C	cSt	146	124	114	---
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CONTAMINATION

Silicon	ppm	73	2	1	---
Sodium	ppm	0	<1	1	---
Potassium	ppm	0	6	6	---

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	27	46	130	---
Copper	ppm	2	3	10	---
Lead	ppm	0	3	2	---
Tin	ppm	0	0	0	---
Aluminum	ppm	0	<1	1	---
Chromium	ppm	0	<1	1	---
Molybdenum	ppm	0	2	0	---
Nickel	ppm	0	0	0	---
Titanium	ppm	0	0	<1	---
Silver	ppm	0	0	0	---
Manganese	ppm	<1	<1	2	---
Vanadium	ppm	0	<1	<1	---



ADDITIVES

Calcium	ppm	12	10	16	---
Magnesium	ppm	3	2	3	---
Zinc	ppm	12	7	13	---
Phosphorus	ppm	2030	866	548	---
Barium	ppm	0	3	11	---
Boron	ppm	145	133	28	---

Depot: VOLVO5055
Unique No: 10608981
Signed: Sean Felton
Report Date: 21 Aug 2023



CONSTRUCTION EQUIPMENT



GRAPHS

