



CONSTRUCTION EQUIPMENT

SPM593006 SENNEBOGEN 840ME 840.0.2170 - REAR RIGHT FINAL DRIVE



Sample No: VCP396510
Oil Type: GEAR OIL SAE 80W90
Job No: SPM593006



SAMPLE INFORMATION

Sample Number	VCP396510	VCP323146	VCP323153	---
Sample Date	14 Aug 2023	15 Jul 2021	14 Jul 2021	---
Machine Hours	8508	3424	3424	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	N/A	---
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	147	136	137	---
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CONTAMINATION

Silicon	ppm	3	2	2	---
Sodium	ppm	0	<1	<1	---
Potassium	ppm	0	2	2	---

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	13	96	115	---
Copper	ppm	2	5	4	---
Lead	ppm	0	0	0	---
Tin	ppm	0	<1	0	---
Aluminum	ppm	0	1	2	---
Chromium	ppm	0	<1	1	---
Molybdenum	ppm	0	<1	<1	---
Nickel	ppm	0	0	0	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	<1	1	1	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	5	10	18	---
Magnesium	ppm	1	1	2	---
Zinc	ppm	8	8	11	---
Phosphorus	ppm	2054	589	597	---
Barium	ppm	0	0	0	---
Boron	ppm	117	8	6	---

Depot: VOLVO5055
Unique No: 10608982
Signed: Sean Felton
Report Date: 21 Aug 2023



CONSTRUCTION EQUIPMENT



GRAPHS

