



CONSTRUCTION EQUIPMENT

SPM593006 SENNEBOGEN 840ME 840.0.2170 - FRONT LEFT FINAL DRIVE



Sample No: VCP399517
Oil Type: GEAR OIL SAE 80W90
Job No: SPM593006



SAMPLE INFORMATION

Sample Number	VCP399517	VCP323149	VCP318361	---
Sample Date	14 Aug 2023	15 Sep 2021	14 Jul 2021	---
Machine Hours	8508	3424	3424	---
Oil Hours	0	0	0	---
Oil Changed	Changed	N/A	Not Changd	---
Sample Status	NORMAL	NORMAL	NORMAL	---

ALTA CONSTRUCTION EQUIPMENT

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OIL CONDITION

Visc @ 40°C	cSt	146	125	116	---
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CONTAMINATION

Silicon	ppm	6	2	2	---
Sodium	ppm	<1	1	<1	---
Potassium	ppm	0	3	<1	---

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	280	210	69	---
Copper	ppm	31	9	4	---
Lead	ppm	0	2	0	---
Tin	ppm	0	0	<1	---
Aluminum	ppm	0	<1	3	---
Chromium	ppm	2	2	<1	---
Molybdenum	ppm	0	0	<1	---
Nickel	ppm	0	<1	0	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	4	3	1	---
Vanadium	ppm	0	<1	0	---



ADDITIVES

Calcium	ppm	22	30	14	---
Magnesium	ppm	4	2	3	---
Zinc	ppm	30	14	10	---
Phosphorus	ppm	1914	516	877	---
Barium	ppm	1	5	1	---
Boron	ppm	27	30	88	---

Depot: VOLVO5055
Unique No: 10608983
Signed: Sean Felton
Report Date: 21 Aug 2023



CONSTRUCTION EQUIPMENT



GRAPHS

