



CONSTRUCTION EQUIPMENT

SPM593879 SENNEBOGEN 835 835.0.2740 - FRONT RIGHT FINAL DRIVE



Sample No: VCP423200
Oil Type: GEAR OIL SAE 80W90
Job No: SPM593879



SAMPLE INFORMATION

Sample Number	VCP423200	VCP325137	VCP306754	---
Sample Date	11 Aug 2023	16 Jul 2021	02 Mar 2021	---
Machine Hours	6443	1956	1108	---
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	148	149	157	---
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CONTAMINATION

Silicon	ppm	3	3	2	---
Sodium	ppm	<1	4	4	---
Potassium	ppm	0	0	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	164	201	129	---
Copper	ppm	9	31	26	---
Lead	ppm	0	0	<1	---
Tin	ppm	0	0	0	---
Aluminum	ppm	0	2	0	---
Chromium	ppm	<1	<1	<1	---
Molybdenum	ppm	0	<1	<1	---
Nickel	ppm	0	0	<1	---
Titanium	ppm	0	<1	<1	---
Silver	ppm	0	0	0	---
Manganese	ppm	2	4	4	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	8	25	12	---
Magnesium	ppm	2	2	<1	---
Zinc	ppm	22	44	20	---
Phosphorus	ppm	1897	1359	635	---
Barium	ppm	2	49	86	---
Boron	ppm	140	74	<1	---

Depot: VOLVO5055

Unique No: 10608993

Signed: Sean Felton

Report Date: 21 Aug 2023



CONSTRUCTION EQUIPMENT



GRAPHS

