



CONSTRUCTION EQUIPMENT

SPM634237 MIDWEST IN SENNEBOGEN 825M 825.0.3853 - FRONT AXLE



Sample No: VCP429085
Oil Type: GEAR OIL SAE 80W90
Job No: SPM634237 MIDWEST IN



SAMPLE INFORMATION

Sample Number	VCP429085	VCP420053	---	---
Sample Date	10 Nov 2023	25 Jul 2023	---	---
Machine Hours	1073	636	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Not Chngd	---	---
Sample Status	ATTENTION	ATTENTION	---	---

ALTA EQUIPMENT CO - ORLAND PARK
5000 INDUSTRIAL HWY
GARY, IN
US 46406
Contact: DAVE ENG
DAVE.ENG@ALTG.COM
T: (312)350-2560
F:

OIL CONDITION

Visc @ 40°C	cSt	▲ 64.8	▲ 64.4	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	■ 12	■ 10	---	---
Sodium	ppm	■ 15	■ 16	---	---
Potassium	ppm	■ 2	■ <1	---	---

Diagnosis

The oil change at the time of sampling has been noted. No corrective action is recommended at this time. 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 oil viscosity is lower than normal. Confirm oil type.

WEAR METALS

Iron	ppm	■ 9	■ 10	---	---
Copper	ppm	■ 2	■ 2	---	---
Lead	ppm	■ 0	■ <1	---	---
Tin	ppm	■ 0	■ 0	---	---
Aluminum	ppm	■ 2	■ 0	---	---
Chromium	ppm	■ <1	■ <1	---	---
Molybdenum	ppm	■ <1	■ <1	---	---
Nickel	ppm	■ <1	■ 0	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	■ 4	■ 4	---	---
Vanadium	ppm	0	<1	---	---

ADDITIVES

Calcium	ppm	■ 3544	■ 3099	---	---
Magnesium	ppm	■ 11	■ 14	---	---
Zinc	ppm	■ 1426	■ 1267	---	---
Phosphorus	ppm	■ 1164	■ 1013	---	---
Barium	ppm	■ 3	■ 0	---	---
Boron	ppm	■ 120	■ 112	---	---

Depot: VOLVO8885
Unique No: 10767331
Signed: Sean Felton
Report Date: 05 Dec 2023



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VOLVO GRAPHS

