



CONSTRUCTION EQUIPMENT

SPM634237 MIDWEST IN SENNEBOGEN 825M 825.0.3853 - FRONT LEFT FINAL DRIVE



Sample No: VCP429081
Oil Type: GEAR OIL SAE 80W90
Job No: SPM634237 MIDWEST IN



SAMPLE INFORMATION

Sample Number	VCP429081	VCP420056	---	---
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
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T: (312)350-2560
F:



OIL CONDITION

Visc @ 40°C	cSt	▲ 64.3	▲ 63.9	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	5	5	---	---
Sodium	ppm	17	18	---	---
Potassium	ppm	2	0	---	---

Diagnosis

The oil change at the time of sampling has been noted. 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. Additive levels indicate the addition of a different brand, or type of oil. Confirm oil type.



WEAR METALS

Iron	ppm	34	20	---	---
Copper	ppm	19	12	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	2	2	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	<1	0	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	<1	---	---
Vanadium	ppm	0	<1	---	---



ADDITIVES

Calcium	ppm	3406	3368	---	---
Magnesium	ppm	9	11	---	---
Zinc	ppm	1400	1391	---	---
Phosphorus	ppm	1115	1099	---	---
Barium	ppm	2	0	---	---
Boron	ppm	110	108	---	---

Depot: VOLVO8885
Unique No: 10767299
Signed: Sean Felton
Report Date: 05 Dec 2023



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GRAPHS

