



CONSTRUCTION EQUIPMENT

SPM702747 MIDWEST IN SENNEBOGEN 825M 825.0.3853 - FRONT AXLE



Sample No: VCP446131
Oil Type: GEAR OIL SAE 80W90
Job No: SPM702747 MIDWEST IN



SAMPLE INFORMATION

Sample Number	VCP446131	VCP429085	VCP420053	---
Sample Date	29 Apr 2024	10 Nov 2023	25 Jul 2023	---
Machine Hours	1073	1073	636	---
Oil Hours	0	0	0	---
Oil Changed	Not Changd	Changed	Not Changd	---
Sample Status	NORMAL	ATTENTION	ATTENTION	---

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5000 INDUSTRIAL HWY
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OIL CONDITION

Visc @ 40°C	cSt	■ 144	● 64.8	● 64.4	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	■ <1	■ 12	■ 10	---
Sodium	ppm	■ <1	■ 15	■ 16	---
Potassium	ppm	■ 0	■ 2	■ <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	■ 2	■ 9	■ 10	---
Copper	ppm	■ 2	■ 2	■ 2	---
Lead	ppm	■ 0	■ 0	■ <1	---
Tin	ppm	■ 0	■ 0	■ 0	---
Aluminum	ppm	■ 0	■ 2	■ 0	---
Chromium	ppm	■ 0	■ <1	■ <1	---
Molybdenum	ppm	■ 0	■ <1	■ <1	---
Nickel	ppm	■ 0	■ <1	■ 0	---
Titanium	ppm	0	<1	<1	---
Silver	ppm	0	0	0	---
Manganese	ppm	■ 0	■ 4	■ 4	---
Vanadium	ppm	0	0	<1	---



ADDITIVES

Calcium	ppm	■ 53	■ 3544	■ 3099	---
Magnesium	ppm	■ 2	■ 11	■ 14	---
Zinc	ppm	■ 23	■ 1426	■ 1267	---
Phosphorus	ppm	■ 470	■ 1164	■ 1013	---
Barium	ppm	■ 0	■ 3	■ 0	---
Boron	ppm	0	■ 120	■ 112	---

Depot: VOLVO8885
Unique No: 11030490
Signed: Wes Davis
Report Date: 15 May 2024



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GRAPHS

