



CONSTRUCTION EQUIPMENT

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



Sample No: VCP429083
Oil Type: GEAR OIL SAE 80W90
Job No: SPM634237 MIDWEST IN



SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-------------|-----|-----|
| Sample Number | VCP429083 | VCP420182 | --- | --- |
| 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 | --- | --- |

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OIL CONDITION

| | | | | | |
|-------------|-----|--------|--------|-----|-----|
| Visc @ 40°C | cSt | ▲ 64.5 | ▲ 64.5 | --- | --- |
|-------------|-----|--------|--------|-----|-----|



CONTAMINATION

| | | | | | |
|-----------|-----|------|------|-----|-----|
| Water | % | NEG | NEG | --- | --- |
| Silicon | ppm | ■ 7 | ■ 10 | --- | --- |
| Sodium | ppm | ■ 16 | ■ 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 | ■ 20 | ■ 12 | --- | --- |
| Copper | ppm | ■ 7 | ■ 5 | --- | --- |
| 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 | 0 | <1 | --- | --- |
| Silver | ppm | 0 | 0 | --- | --- |
| Manganese | ppm | ■ 2 | ■ 2 | --- | --- |
| Vanadium | ppm | 0 | <1 | --- | --- |



ADDITIVES

| | | | | | |
|------------|-----|--------|--------|-----|-----|
| Calcium | ppm | ■ 3492 | ■ 3069 | --- | --- |
| Magnesium | ppm | ■ 10 | ■ 13 | --- | --- |
| Zinc | ppm | ■ 1393 | ■ 1269 | --- | --- |
| Phosphorus | ppm | ■ 1124 | ■ 1007 | --- | --- |
| Barium | ppm | ■ 3 | ■ 0 | --- | --- |
| Boron | ppm | ■ 119 | ■ 108 | --- | --- |

Depot: VOLVO8885
Unique No: 10767326
Signed: Sean Felton
Report Date: 05 Dec 2023



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VOLVO GRAPHS

