



CONSTRUCTION EQUIPMENT

SWA292727 SENNEBOGEN 860 860.O.1095 - FRONT RIGHT FINAL DRIVE



Sample No: VCP410323
Oil Type: GEAR OIL SAE 80W90
Job No: SWA292727



SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-----|-----|-----|
| Sample Number | VCP410323 | --- | --- | --- |
| Sample Date | 25 Aug 2023 | --- | --- | --- |
| Machine Hours | 10929 | --- | --- | --- |
| Oil Hours | 0 | --- | --- | --- |
| Oil Changed | Not Chngd | --- | --- | --- |
| Sample Status | ABNORMAL | --- | --- | --- |

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OIL CONDITION

| | | | | | |
|-------------|-----|-------|-----|-----|-----|
| Visc @ 40°C | cSt | █ 160 | --- | --- | --- |
|-------------|-----|-------|-----|-----|-----|



CONTAMINATION

| | | | | | |
|-----------|-----|------|-----|-----|-----|
| Silicon | ppm | █ 11 | --- | --- | --- |
| Sodium | ppm | █ 5 | --- | --- | --- |
| Potassium | ppm | █ 1 | --- | --- | --- |

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. Gear wear is indicated. All other 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 | ▲ 555 | --- | --- | --- |
| Copper | ppm | █ 15 | --- | --- | --- |
| Lead | ppm | █ 0 | --- | --- | --- |
| Tin | ppm | █ 0 | --- | --- | --- |
| Aluminum | ppm | █ 4 | --- | --- | --- |
| Chromium | ppm | █ 2 | --- | --- | --- |
| Molybdenum | ppm | █ 0 | --- | --- | --- |
| Nickel | ppm | █ 0 | --- | --- | --- |
| Titanium | ppm | <1 | --- | --- | --- |
| Silver | ppm | 0 | --- | --- | --- |
| Manganese | ppm | █ 4 | --- | --- | --- |
| Vanadium | ppm | 0 | --- | --- | --- |



ADDITIVES

| | | | | | |
|------------|-----|--------|-----|-----|-----|
| Calcium | ppm | █ 18 | --- | --- | --- |
| Magnesium | ppm | █ 5 | --- | --- | --- |
| Zinc | ppm | █ 14 | --- | --- | --- |
| Phosphorus | ppm | █ 1424 | --- | --- | --- |
| Barium | ppm | █ 181 | --- | --- | --- |
| Boron | ppm | █ 150 | --- | --- | --- |

Depot: VOLVO8885
Unique No: 10622868
Signed: Don Baldrige
Report Date: 30 Aug 2023



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GRAPHS

