



CONSTRUCTION EQUIPMENT

SWA544205 ALTA USED SENNEBOGEN 850MD 850.0.1210 - FRONT RIGHT FINAL DRIVE



Sample No: VCP436377
Oil Type: GEAR OIL SAE 80W90
Job No: SWA544205 ALTA USED



SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-----|-----|-----|
| Sample Number | VCP436377 | --- | --- | --- |
| Sample Date | 24 Apr 2024 | --- | --- | --- |
| Machine Hours | 17535 | --- | --- | --- |
| Oil Hours | 0 | --- | --- | --- |
| Oil Changed | Not Chngd | --- | --- | --- |
| Sample Status | NORMAL | --- | --- | --- |

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OIL CONDITION

| | | | | | |
|-------------|-----|-------|-----|-----|-----|
| Visc @ 40°C | cSt | █ 168 | --- | --- | --- |
|-------------|-----|-------|-----|-----|-----|



CONTAMINATION

| | | | | | |
|-----------|-----|-----|-----|-----|-----|
| Water | % | NEG | --- | --- | --- |
| Silicon | ppm | █ 5 | --- | --- | --- |
| Sodium | ppm | █ 4 | --- | --- | --- |
| Potassium | ppm | █ 2 | --- | --- | --- |

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 | █ 263 | --- | --- | --- |
| Copper | ppm | █ 15 | --- | --- | --- |
| Lead | ppm | █ <1 | --- | --- | --- |
| Tin | ppm | █ 0 | --- | --- | --- |
| Aluminum | ppm | █ 1 | --- | --- | --- |
| Chromium | ppm | █ 3 | --- | --- | --- |
| Molybdenum | ppm | █ 3 | --- | --- | --- |
| Nickel | ppm | █ <1 | --- | --- | --- |
| Titanium | ppm | <1 | --- | --- | --- |
| Silver | ppm | 0 | --- | --- | --- |
| Manganese | ppm | █ 3 | --- | --- | --- |
| Vanadium | ppm | <1 | --- | --- | --- |



ADDITIVES

| | | | | | |
|------------|-----|--------|-----|-----|-----|
| Calcium | ppm | █ 130 | --- | --- | --- |
| Magnesium | ppm | █ 24 | --- | --- | --- |
| Zinc | ppm | █ 81 | --- | --- | --- |
| Phosphorus | ppm | █ 1020 | --- | --- | --- |
| Barium | ppm | █ 138 | --- | --- | --- |
| Boron | ppm | █ 67 | --- | --- | --- |

Depot: VOLVO8885
Unique No: 11004008
Signed: Wes Davis
Report Date: 30 Apr 2024



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GRAPHS

