



CONSTRUCTION EQUIPMENT

SPM621611 SENNEBOGEN 835 835.0.2465 - FRONT LEFT FINAL DRIVE



Sample No: VCP440565
Oil Type: GEAR OIL SAE 80W90
Job No: SPM621611



SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-------------|-----|-----|
| Sample Number | VCP440565 | VCP404486 | --- | --- |
| Sample Date | 18 Oct 2023 | 11 Apr 2023 | --- | --- |
| Machine Hours | 8621 | 7962 | --- | --- |
| Oil Hours | 0 | 0 | --- | --- |
| Oil Changed | Not Chngd | Changed | --- | --- |
| Sample Status | SEVERE | NORMAL | --- | --- |

ALTA EQUIPMENT CO - ORLAND PARK
5000 INDUSTRIAL HWY
GARY, IN
US 46406
Contact: DAVE ENG
DAVE.ENG@ALTG.COM
T: (312)350-2560
F:

OIL CONDITION

| | | | | | |
|-------------|-----|-------|-------|-----|-----|
| Visc @ 40°C | cSt | █ 111 | █ 183 | --- | --- |
|-------------|-----|-------|-------|-----|-----|

CONTAMINATION

| | | | | | |
|-----------|-----|--------|-----|-----|-----|
| Water | % | █ 1.20 | --- | --- | --- |
| Silicon | ppm | █ 10 | █ 3 | --- | --- |
| Sodium | ppm | █ <1 | █ 8 | --- | --- |
| Potassium | ppm | █ 4 | █ 1 | --- | --- |

Diagnosis

We advise that you check for the source of water entry. We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition. All component wear rates are normal. There is a high concentration of water present in the oil. The oil is no longer serviceable due to the presence of contaminants.

WEAR METALS

| | | | | | |
|------------|-----|------|-------|-----|-----|
| Iron | ppm | █ 35 | █ 236 | --- | --- |
| Copper | ppm | █ 3 | █ 29 | --- | --- |
| Lead | ppm | █ <1 | █ 0 | --- | --- |
| Tin | ppm | █ <1 | █ 0 | --- | --- |
| Aluminum | ppm | █ 2 | █ 2 | --- | --- |
| Chromium | ppm | █ <1 | █ 2 | --- | --- |
| Molybdenum | ppm | █ 9 | █ <1 | --- | --- |
| Nickel | ppm | █ 0 | █ <1 | --- | --- |
| Titanium | ppm | <1 | <1 | --- | --- |
| Silver | ppm | 0 | 0 | --- | --- |
| Manganese | ppm | █ <1 | █ 9 | --- | --- |
| Vanadium | ppm | 0 | 0 | --- | --- |

ADDITIVES

| | | | | | |
|------------|-----|--------|--------|-----|-----|
| Calcium | ppm | █ 1414 | █ 27 | --- | --- |
| Magnesium | ppm | █ 641 | █ 5 | --- | --- |
| Zinc | ppm | █ 989 | █ 78 | --- | --- |
| Phosphorus | ppm | █ 716 | █ 1135 | --- | --- |
| Barium | ppm | █ 0 | █ 297 | --- | --- |
| Boron | ppm | █ 100 | █ 2 | --- | --- |

Depot: VOLVO8885
Unique No: 10738392
Signed: Don Baldrige
Report Date: 14 Nov 2023



CONSTRUCTION EQUIPMENT



GRAPHS

