



CONSTRUCTION EQUIPMENT

SPM621611 SENNEBOGEN 835 835.0.2465 - REAR DIFFERENTIAL



Sample No: VCP440563
Oil Type: GEAR OIL SAE 80W90
Job No: SPM621611



SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-------------|-----|-----|
| Sample Number | VCP440563 | VCP372573 | --- | --- |
| Sample Date | 18 Oct 2023 | 11 Apr 2023 | --- | --- |
| Machine Hours | 8621 | 7962 | --- | --- |
| Oil Hours | 0 | 0 | --- | --- |
| Oil Changed | Not Changed | Changed | --- | --- |
| Sample Status | NORMAL | NORMAL | --- | --- |

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OIL CONDITION

| | | | | | |
|-------------|-----|-------|-------|-----|-----|
| Visc @ 40°C | cSt | █ 117 | █ 185 | --- | --- |
|-------------|-----|-------|-------|-----|-----|



CONTAMINATION

| | | | | | |
|-----------|-----|-----|-----|-----|-----|
| Silicon | ppm | █ 6 | █ 8 | --- | --- |
| Sodium | ppm | █ 2 | █ 5 | --- | --- |
| Potassium | ppm | █ 2 | █ 0 | --- | --- |

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 | █ 114 | █ 75 | --- | --- |
| Copper | ppm | █ 11 | █ 43 | --- | --- |
| Lead | ppm | █ 0 | █ 0 | --- | --- |
| Tin | ppm | █ 0 | █ 0 | --- | --- |
| Aluminum | ppm | █ <1 | █ <1 | --- | --- |
| Chromium | ppm | █ 0 | █ <1 | --- | --- |
| Molybdenum | ppm | █ 5 | █ <1 | --- | --- |
| Nickel | ppm | █ 0 | █ 0 | --- | --- |
| Titanium | ppm | 0 | 0 | --- | --- |
| Silver | ppm | 0 | 0 | --- | --- |
| Manganese | ppm | █ 1 | █ 2 | --- | --- |
| Vanadium | ppm | 0 | 0 | --- | --- |



ADDITIVES

| | | | | | |
|------------|-----|--------|--------|-----|-----|
| Calcium | ppm | █ 1380 | █ 328 | --- | --- |
| Magnesium | ppm | █ 432 | █ 11 | --- | --- |
| Zinc | ppm | █ 770 | █ 150 | --- | --- |
| Phosphorus | ppm | █ 784 | █ 1124 | --- | --- |
| Barium | ppm | █ 50 | █ 326 | --- | --- |
| Boron | ppm | █ 73 | █ <1 | --- | --- |

Depot: VOLVO8885
Unique No: 10738471
Signed: Sean Felton
Report Date: 14 Nov 2023



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VOLVO GRAPHS

