



CONSTRUCTION EQUIPMENT

SPM566233 SENNEBOGEN 835ME 835.0.2859 - REAR LEFT FINAL DRIVE



Sample No: VCP423161
Oil Type: GEAR OIL SAE 80W90
Job No: SPM566233



SAMPLE INFORMATION

| | | | | |
|---------------|--------------------|-------------|-----|-----|
| Sample Number | VCP423161 | VCP383266 | --- | --- |
| Sample Date | 13 Jun 2023 | 06 Apr 2023 | --- | --- |
| Machine Hours | 4333 | 3781 | --- | --- |
| Oil Hours | 0 | 0 | --- | --- |
| Oil Changed | Not Changed | Changed | --- | --- |
| Sample Status | NORMAL | NORMAL | --- | --- |

SIMS METAL MANAGEMENT

2500 S. PAULINA
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US 60608

Contact: RYAN WISE

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OIL CONDITION

| | | | | | |
|-------------|-----|------------|-----|-----|-----|
| Visc @ 40°C | cSt | 189 | 140 | --- | --- |
|-------------|-----|------------|-----|-----|-----|



CONTAMINATION

| | | | | | |
|-----------|-----|-----------|----|-----|-----|
| Silicon | ppm | 30 | 10 | --- | --- |
| Sodium | ppm | 1 | 0 | --- | --- |
| Potassium | ppm | 0 | 0 | --- | --- |



WEAR METALS

| | | | | | |
|------------|-----|--------------|----|-----|-----|
| Iron | ppm | 26 | 72 | --- | --- |
| Copper | ppm | 6 | 31 | --- | --- |
| Lead | ppm | 0 | 0 | --- | --- |
| Tin | ppm | <1 | 0 | --- | --- |
| Aluminum | ppm | 1 | <1 | --- | --- |
| Chromium | ppm | <1 | 0 | --- | --- |
| Molybdenum | ppm | 4 | 0 | --- | --- |
| Nickel | ppm | 0 | 0 | --- | --- |
| Titanium | ppm | <1 | 0 | --- | --- |
| Silver | ppm | 0 | 0 | --- | --- |
| Manganese | ppm | <1 | 2 | --- | --- |
| Vanadium | ppm | 0 | 0 | --- | --- |



ADDITIVES

| | | | | | |
|------------|-----|-------------|-----|-----|-----|
| Calcium | ppm | 3010 | 27 | --- | --- |
| Magnesium | ppm | 83 | 5 | --- | --- |
| Zinc | ppm | 1103 | 19 | --- | --- |
| Phosphorus | ppm | 927 | 517 | --- | --- |
| Barium | ppm | 2 | 9 | --- | --- |
| Boron | ppm | 13 | 48 | --- | --- |

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.

Depot: SIMCHIL

Unique No: 10548921

Signed: Don Baldrige

Report Date: 11 Jul 2023



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GRAPHS

