



CONSTRUCTION EQUIPMENT

SPM621030 SENNEBOGEN 850E 850.0.3178 - REAR AXLE



Sample No: VCP429507
Oil Type: GEAR OIL SAE 80W90
Job No: SPM621030



SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-----|-----|-----|
| Sample Number | VCP429507 | --- | --- | --- |
| Sample Date | 23 Oct 2023 | --- | --- | --- |
| Machine Hours | 217 | --- | --- | --- |
| Oil Hours | 217 | --- | --- | --- |
| Oil Changed | Changed | --- | --- | --- |
| Sample Status | NORMAL | --- | --- | --- |

FERROUS PROCESSING AND TRADING

3400 E LAFAYETTE
DETROIT, MI
US 48207

Contact: KEITH HALL
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T:
F:



OIL CONDITION

| | | | | | |
|-------------|-----|-------|-----|-----|-----|
| Visc @ 40°C | cSt | █ 137 | --- | --- | --- |
|-------------|-----|-------|-----|-----|-----|



CONTAMINATION

| | | | | | |
|-----------|-----|-----|-----|-----|-----|
| Silicon | ppm | █ 3 | --- | --- | --- |
| Sodium | ppm | █ 5 | --- | --- | --- |
| Potassium | ppm | █ 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 | █ 9 | --- | --- | --- |
| Copper | ppm | █ 6 | --- | --- | --- |
| Lead | ppm | █ 0 | --- | --- | --- |
| Tin | ppm | █ 0 | --- | --- | --- |
| Aluminum | ppm | █ 0 | --- | --- | --- |
| Chromium | ppm | █ 0 | --- | --- | --- |
| Molybdenum | ppm | █ 0 | --- | --- | --- |
| Nickel | ppm | █ 0 | --- | --- | --- |
| Titanium | ppm | <1 | --- | --- | --- |
| Silver | ppm | 0 | --- | --- | --- |
| Manganese | ppm | █ <1 | --- | --- | --- |
| Vanadium | ppm | 0 | --- | --- | --- |



ADDITIVES

| | | | | | |
|------------|-----|--------|-----|-----|-----|
| Calcium | ppm | █ 0 | --- | --- | --- |
| Magnesium | ppm | █ 0 | --- | --- | --- |
| Zinc | ppm | 0 | --- | --- | --- |
| Phosphorus | ppm | █ 1464 | --- | --- | --- |
| Barium | ppm | █ 0 | --- | --- | --- |
| Boron | ppm | █ 146 | --- | --- | --- |

Depot: FERDET
Unique No: 10714498
Signed: Wes Davis
Report Date: 28 Oct 2023



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VOLVO GRAPHS

