



CONSTRUCTION EQUIPMENT

AMG SENNEBOGEN 835 835.0.2547 - RIGHT SWING DRIVE



Sample No: VCP434194
Oil Type: MOBIL SHC 630
Job No: AMG



SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-----|-----|-----|
| Sample Number | VCP434194 | --- | --- | --- |
| Sample Date | 03 Jan 2024 | --- | --- | --- |
| Machine Hours | 11478 | --- | --- | --- |
| Oil Hours | 1000 | --- | --- | --- |
| Oil Changed | Not Chngd | --- | --- | --- |
| Sample Status | SEVERE | --- | --- | --- |

GREEN MACHINE SERVICES LLC

13 SPYROS DRIVE
SOUTH AMBOY, NJ
US 08879

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F:



OIL CONDITION

| | | | | | |
|-------------|-----|-------|-----|-----|-----|
| Visc @ 40°C | cSt | █ 221 | --- | --- | --- |
|-------------|-----|-------|-----|-----|-----|



CONTAMINATION

| | | | | | |
|-----------|-----|--------|-----|-----|-----|
| Water | % | ◆ 1.39 | --- | --- | --- |
| Silicon | ppm | █ 32 | --- | --- | --- |
| Sodium | ppm | █ 0 | --- | --- | --- |
| Potassium | ppm | █ <1 | --- | --- | --- |



WEAR METALS

| | | | | | |
|------------|-----|-------|-----|-----|-----|
| Iron | ppm | ▲ 644 | --- | --- | --- |
| Copper | ppm | ▲ 271 | --- | --- | --- |
| Lead | ppm | █ 0 | --- | --- | --- |
| Tin | ppm | ▲ 13 | --- | --- | --- |
| Aluminum | ppm | █ 2 | --- | --- | --- |
| Chromium | ppm | █ 5 | --- | --- | --- |
| Molybdenum | ppm | █ 0 | --- | --- | --- |
| Nickel | ppm | █ <1 | --- | --- | --- |
| Titanium | ppm | 0 | --- | --- | --- |
| Silver | ppm | 0 | --- | --- | --- |
| Manganese | ppm | █ 4 | --- | --- | --- |
| Vanadium | ppm | 0 | --- | --- | --- |



ADDITIVES

| | | | | | |
|------------|-----|-------|-----|-----|-----|
| Calcium | ppm | █ 44 | --- | --- | --- |
| Magnesium | ppm | █ 2 | --- | --- | --- |
| Zinc | ppm | █ 36 | --- | --- | --- |
| Phosphorus | ppm | █ 353 | --- | --- | --- |
| Barium | ppm | █ 3 | --- | --- | --- |
| Boron | ppm | █ 4 | --- | --- | --- |

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. Gear wear is indicated. Bearing and/or bushing wear is indicated. There is a high concentration of water present in the oil. The oil is no longer serviceable due to the presence of contaminants.

Depot: GRESOUNJ
Unique No: 10835981
Signed: Don Baldrige
Report Date: 21 Jan 2024



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GRAPHS

