



CONSTRUCTION EQUIPMENT

SPM593006 SENNEBOGEN 840ME 840.0.2170 - RIGHT SWING DRIVE



Sample No: VCP399516
Oil Type: MOBIL SHC 630
Job No: SPM593006



SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-------------|-----|-----|
| Sample Number | VCP399516 | VCP323145 | --- | --- |
| Sample Date | 14 Aug 2023 | 15 Jul 2021 | --- | --- |
| Machine Hours | 8508 | 3424 | --- | --- |
| Oil Hours | 0 | 0 | --- | --- |
| Oil Changed | Changed | N/A | --- | --- |
| Sample Status | SEVERE | SEVERE | --- | --- |

ALTA CONSTRUCTION EQUIPMENT

613 E STEVENSON RD
OTTAWA, IL
US 61350
Contact: ALEX MARCO
ALEXANDER.MARCO@ALTG.COM
T:
F:



OIL CONDITION

| | | | | | |
|-------------|-----|-------|-------|-----|-----|
| Visc @ 40°C | cSt | █ 222 | █ 233 | --- | --- |
|-------------|-----|-------|-------|-----|-----|



CONTAMINATION

| | | | | | |
|-----------|-----|--------|--------|-----|-----|
| Water | % | █ 1.92 | █ 2.58 | --- | --- |
| Silicon | ppm | █ 29 | █ 8 | --- | --- |
| Sodium | ppm | █ 0 | █ 0 | --- | --- |
| Potassium | ppm | █ 0 | █ <1 | --- | --- |

Diagnosis

We advise that you check for the source of water entry. The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition. Gear 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.



WEAR METALS

| | | | | | |
|------------|-----|-------|-------|-----|-----|
| Iron | ppm | ▲ 465 | ▲ 686 | --- | --- |
| Copper | ppm | █ 114 | █ 105 | --- | --- |
| Lead | ppm | █ 0 | █ 1 | --- | --- |
| Tin | ppm | █ 14 | █ 14 | --- | --- |
| Aluminum | ppm | █ 0 | █ 4 | --- | --- |
| Chromium | ppm | █ 3 | █ 5 | --- | --- |
| Molybdenum | ppm | █ 0 | 2 | --- | --- |
| Nickel | ppm | █ <1 | 2 | --- | --- |
| Titanium | ppm | 0 | 0 | --- | --- |
| Silver | ppm | 0 | 0 | --- | --- |
| Manganese | ppm | █ 3 | 4 | --- | --- |
| Vanadium | ppm | 0 | 0 | --- | --- |



ADDITIVES

| | | | | | |
|------------|-----|-------|-----|-----|-----|
| Calcium | ppm | █ 13 | 22 | --- | --- |
| Magnesium | ppm | █ 4 | 4 | --- | --- |
| Zinc | ppm | █ 40 | 49 | --- | --- |
| Phosphorus | ppm | █ 467 | 401 | --- | --- |
| Barium | ppm | █ 0 | 0 | --- | --- |
| Boron | ppm | █ 5 | 23 | --- | --- |

Depot: VOLVO5055
Unique No: 10609000
Signed: Don Baldrige
Report Date: 22 Aug 2023



CONSTRUCTION EQUIPMENT



GRAPHS

