



CONSTRUCTION EQUIPMENT

SPM621371 SENNEBOGEN 835M 835.0.3000 - RIGHT SWING DRIVE



Sample No: VCP433714
Oil Type: MOBIL SHC 630
Job No: SPM621371



SAMPLE INFORMATION

| | | | | |
|---------------|--------------------|-------------|-------------|-----|
| Sample Number | VCP433714 | VCP399749 | VCP353600 | --- |
| Sample Date | 26 Oct 2023 | 21 Mar 2023 | 06 Jul 2022 | --- |
| Machine Hours | 4088 | 2502 | 545 | --- |
| Oil Hours | 0 | 0 | 0 | --- |
| Oil Changed | Changed | Not Changd | Not Changd | --- |
| Sample Status | ABNORMAL | NORMAL | NORMAL | --- |

BELSON STEEL

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OIL CONDITION

| | | | | | |
|-------------|-----|------------|-----|-----|-----|
| Visc @ 40°C | cSt | 215 | 206 | 208 | --- |
|-------------|-----|------------|-----|-----|-----|



CONTAMINATION

| | | | | | |
|-----------|-----|--------------|----|----|-----|
| Silicon | ppm | 23 | 26 | 3 | --- |
| Sodium | ppm | <1 | 0 | 1 | --- |
| Potassium | ppm | 0 | <1 | <1 | --- |



WEAR METALS

| | | | | | |
|------------|-----|------------|-----|-----|-----|
| Iron | ppm | 314 | 92 | 401 | --- |
| Copper | ppm | 238 | 148 | 31 | --- |
| Lead | ppm | 1 | 0 | <1 | --- |
| Tin | ppm | 13 | 6 | 3 | --- |
| Aluminum | ppm | 0 | <1 | 1 | --- |
| Chromium | ppm | 2 | <1 | 2 | --- |
| Molybdenum | ppm | 0 | <1 | 0 | --- |
| Nickel | ppm | 0 | <1 | <1 | --- |
| Titanium | ppm | 0 | 0 | 0 | --- |
| Silver | ppm | 0 | 0 | 0 | --- |
| Manganese | ppm | 3 | <1 | 4 | --- |
| Vanadium | ppm | 0 | 0 | 0 | --- |



ADDITIVES

| | | | | | |
|------------|-----|--------------|-----|-----|-----|
| Calcium | ppm | 319 | 498 | 6 | --- |
| Magnesium | ppm | 0 | 5 | <1 | --- |
| Zinc | ppm | 179 | 247 | 75 | --- |
| Phosphorus | ppm | 447 | 595 | 354 | --- |
| Barium | ppm | 0 | 0 | 1 | --- |
| Boron | ppm | <1 | 2 | 19 | --- |

Diagnosis

The oil change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. Bearing and/or bushing wear is indicated. All other 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: BELBOU
Unique No: 10726654
Signed: Don Baldrige
Report Date: 06 Nov 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

