



CONSTRUCTION EQUIPMENT

9225 STANLEY VOLVO A35G 342021 - BOGIE/CENTER AXLE



Sample No: VCP338714
Oil Type: VOLVO GO 102
Job No: 9225 STANLEY



SAMPLE INFORMATION

| | | | | |
|---------------|--------------------|-------------|-----|-----|
| Sample Number | VCP338714 | VCP226285 | --- | --- |
| Sample Date | 16 Dec 2021 | 20 Dec 2018 | --- | --- |
| Machine Hours | 5136 | 979 | --- | --- |
| Oil Hours | 5136 | 0 | --- | --- |
| Oil Changed | Changed | Changed | --- | --- |
| Sample Status | NORMAL | ABNORMAL | --- | --- |

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OIL CONDITION

| | | | | | |
|-------------|-----|-------------|------|-----|-----|
| Visc @ 40°C | cSt | 86.4 | 53.1 | --- | --- |
|-------------|-----|-------------|------|-----|-----|



CONTAMINATION

| | | | | | |
|-----------|-----|----------|---|-----|-----|
| Silicon | ppm | 1 | 4 | --- | --- |
| Sodium | ppm | 1 | 4 | --- | --- |
| Potassium | ppm | 0 | 2 | --- | --- |



WEAR METALS

| | | | | | |
|------------|-----|-----------|-----|-----|-----|
| Iron | ppm | 94 | 455 | --- | --- |
| Copper | ppm | 2 | 5 | --- | --- |
| Lead | ppm | 0 | 1 | --- | --- |
| Tin | ppm | 0 | 0 | --- | --- |
| Aluminum | ppm | 3 | 1 | --- | --- |
| Chromium | ppm | 1 | 6 | --- | --- |
| Molybdenum | ppm | 3 | 3 | --- | --- |
| Nickel | ppm | 0 | 2 | --- | --- |
| Titanium | ppm | 1 | 0 | --- | --- |
| Silver | ppm | 0 | 0 | --- | --- |
| Manganese | ppm | 2 | 18 | --- | --- |
| Vanadium | ppm | 0 | 0 | --- | --- |



ADDITIVES

| | | | | | |
|------------|-----|------------|------|-----|-----|
| Calcium | ppm | 99 | 28 | --- | --- |
| Magnesium | ppm | 23 | 2 | --- | --- |
| Zinc | ppm | 62 | 16 | --- | --- |
| Phosphorus | ppm | 984 | 2196 | --- | --- |
| Barium | ppm | 0 | 0 | --- | --- |
| Boron | ppm | 109 | 229 | --- | --- |

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: VOLVO8882
Unique No: 9785527
Signed: Wes Davis
Report Date: 21 Dec 2021



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GRAPHS

