



CONSTRUCTION EQUIPMENT

306982 VOLVO A30G 752893 - REAR AXLE



Sample No: VCP427098
Oil Type: NOT GIVEN
Job No: 306982



SAMPLE INFORMATION

| | | | | |
|---------------|--------------------|-------------|-----|-----|
| Sample Number | VCP427098 | VCP427090 | --- | --- |
| Sample Date | 12 Jul 2023 | 12 Jul 2023 | --- | --- |
| Machine Hours | 611 | 611 | --- | --- |
| Oil Hours | 0 | 0 | --- | --- |
| Oil Changed | Not Chngd | Not Chngd | --- | --- |
| Sample Status | NORMAL | NORMAL | --- | --- |

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OIL CONDITION

| | | | | | |
|-------------|-----|-------------|------|-----|-----|
| Visc @ 40°C | cSt | 87.0 | 90.8 | --- | --- |
|-------------|-----|-------------|------|-----|-----|



CONTAMINATION

| | | | | | |
|-----------|-----|--------------|----|-----|-----|
| Silicon | ppm | 5 | 5 | --- | --- |
| Sodium | ppm | <1 | <1 | --- | --- |
| Potassium | ppm | 5 | 4 | --- | --- |



WEAR METALS

| | | | | | |
|------------|-----|--------------|-----|-----|-----|
| Iron | ppm | 134 | 194 | --- | --- |
| Copper | ppm | 9 | 12 | --- | --- |
| Lead | ppm | 0 | 0 | --- | --- |
| Tin | ppm | <1 | <1 | --- | --- |
| Aluminum | ppm | <1 | <1 | --- | --- |
| Chromium | ppm | 4 | 4 | --- | --- |
| Molybdenum | ppm | 5 | 4 | --- | --- |
| Nickel | ppm | 1 | 2 | --- | --- |
| Titanium | ppm | 0 | 0 | --- | --- |
| Silver | ppm | 0 | <1 | --- | --- |
| Manganese | ppm | 9 | 7 | --- | --- |
| Vanadium | ppm | 0 | 0 | --- | --- |



ADDITIVES

| | | | | | |
|------------|-----|-------------|------|-----|-----|
| Calcium | ppm | 1333 | 971 | --- | --- |
| Magnesium | ppm | 3 | 2 | --- | --- |
| Zinc | ppm | 580 | 424 | --- | --- |
| Phosphorus | ppm | 1621 | 1532 | --- | --- |
| Barium | ppm | 0 | <1 | --- | --- |
| Boron | ppm | 309 | 297 | --- | --- |

Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. 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: VOLVO0093
Unique No: 10615324
Signed: Wes Davis
Report Date: 22 Aug 2023



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GRAPHS

