



CONSTRUCTION EQUIPMENT

5331DR KINSLEY VOLVO A25G 752558 - BOGIE/CENTER AXLE



Sample No: VCP442640
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 5331DR KINSLEY



SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-----|-----|-----|
| Sample Number | VCP442640 | --- | --- | --- |
| Sample Date | 05 Apr 2024 | --- | --- | --- |
| Machine Hours | 936 | --- | --- | --- |
| Oil Hours | 936 | --- | --- | --- |
| Oil Changed | Changed | --- | --- | --- |
| Sample Status | NORMAL | --- | --- | --- |

HIGHWAY EQUIPMENT & SUPPLY CO
 PO BOX 127
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OIL CONDITION

| | | | | | |
|-------------|-----|-------|-----|-----|-----|
| Visc @ 40°C | cSt | █ 247 | --- | --- | --- |
|-------------|-----|-------|-----|-----|-----|



CONTAMINATION

| | | | | | |
|-----------|-----|------|-----|-----|-----|
| Water | % | NEG | --- | --- | --- |
| Silicon | ppm | █ 2 | --- | --- | --- |
| Sodium | ppm | █ <1 | --- | --- | --- |
| Potassium | ppm | █ <1 | --- | --- | --- |

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.



WEAR METALS

| | | | | | |
|------------|-----|------|-----|-----|-----|
| Iron | ppm | █ 52 | --- | --- | --- |
| Copper | ppm | █ 3 | --- | --- | --- |
| Lead | ppm | █ 0 | --- | --- | --- |
| Tin | ppm | █ 0 | --- | --- | --- |
| Aluminum | ppm | █ 0 | --- | --- | --- |
| Chromium | ppm | █ <1 | --- | --- | --- |
| Molybdenum | ppm | █ 2 | --- | --- | --- |
| Nickel | ppm | █ 0 | --- | --- | --- |
| Titanium | ppm | 0 | --- | --- | --- |
| Silver | ppm | 0 | --- | --- | --- |
| Manganese | ppm | █ 2 | --- | --- | --- |
| Vanadium | ppm | <1 | --- | --- | --- |



ADDITIVES

| | | | | | |
|------------|-----|--------|-----|-----|-----|
| Calcium | ppm | █ 151 | --- | --- | --- |
| Magnesium | ppm | █ 3 | --- | --- | --- |
| Zinc | ppm | █ 80 | --- | --- | --- |
| Phosphorus | ppm | █ 1084 | --- | --- | --- |
| Barium | ppm | █ <1 | --- | --- | --- |
| Boron | ppm | █ 151 | --- | --- | --- |

Depot: VOLVO0022
Unique No: 10969510
Signed: Wes Davis
Report Date: 11 Apr 2024



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GRAPHS

