



CONSTRUCTION EQUIPMENT

9042 VOLVO A30G 753002 - FRONT AXLE



Sample No: VCP437643
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 9042



SAMPLE INFORMATION

| | | | | |
|---------------|--------------------|-------------|-------------|-----|
| Sample Number | VCP437643 | VCP425083 | VCP425695 | --- |
| Sample Date | 04 Jan 2024 | 17 Jul 2023 | 05 May 2023 | --- |
| Machine Hours | 1810 | 885 | 381 | --- |
| Oil Hours | 0 | 0 | 0 | --- |
| Oil Changed | Not Chngd | Changed | Changed | --- |
| Sample Status | NORMAL | NORMAL | ATTENTION | --- |

BLUE GOOSE GROWERS
 16059 W ORANGE AVE
 FT PIERCE, FL
 US 34945
 Contact: SERVICE MANAGER



OIL CONDITION

| | | | | | |
|-------------|-----|------------|-----|--------|-----|
| Visc @ 40°C | cSt | 242 | 216 | ▲ 88.0 | --- |
|-------------|-----|------------|-----|--------|-----|

T: (772)461-3020
 F:



CONTAMINATION

| Water | % | NEG | NEG | NEG | --- |
|-----------|-----|--------------|-----|-----|-----|
| Silicon | ppm | <1 | 2 | 4 | --- |
| Sodium | ppm | <1 | <1 | 2 | --- |
| Potassium | ppm | 0 | 1 | 7 | --- |

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 | 83 | 159 | 275 | --- |
| Copper | ppm | 3 | 5 | 12 | --- |
| Lead | ppm | 0 | 0 | 0 | --- |
| Tin | ppm | <1 | <1 | <1 | --- |
| Aluminum | ppm | 0 | 0 | <1 | --- |
| Chromium | ppm | 1 | 3 | 6 | --- |
| Molybdenum | ppm | 0 | 4 | 6 | --- |
| Nickel | ppm | <1 | 1 | 2 | --- |
| Titanium | ppm | 0 | <1 | <1 | --- |
| Silver | ppm | 0 | 0 | 0 | --- |
| Manganese | ppm | 2 | 5 | 11 | --- |
| Vanadium | ppm | 0 | <1 | <1 | --- |



ADDITIVES

| | | | | | |
|------------|-----|-------------|------|------|-----|
| Calcium | ppm | 150 | 272 | 1097 | --- |
| Magnesium | ppm | 3 | 8 | 7 | --- |
| Zinc | ppm | 87 | 124 | 450 | --- |
| Phosphorus | ppm | 1032 | 1108 | 1480 | --- |
| Barium | ppm | 0 | 0 | 0 | --- |
| Boron | ppm | 146 | 200 | 268 | --- |

Depot: BLUFOR
Unique No: 10821574
Signed: Wes Davis
Report Date: 10 Jan 2024



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GRAPHS

