



CONSTRUCTION EQUIPMENT

42438 VOLVO A30G 752368 - REAR RIGHT FINAL DRIVE



Sample No: VCP453795
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 42438



SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-----|-----|-----|
| Sample Number | VCP453795 | --- | --- | --- |
| Sample Date | 21 Jun 2024 | --- | --- | --- |
| Machine Hours | 2288 | --- | --- | --- |
| Oil Hours | 0 | --- | --- | --- |
| Oil Changed | Changed | --- | --- | --- |
| Sample Status | NORMAL | --- | --- | --- |

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OIL CONDITION

| | | | | | |
|-------------|-----|--------|-----|-----|-----|
| Visc @ 40°C | cSt | █ 85.4 | --- | --- | --- |
|-------------|-----|--------|-----|-----|-----|



CONTAMINATION

| | | | | | |
|-----------|-----|-----|-----|-----|-----|
| Water | % | NEG | --- | --- | --- |
| Silicon | ppm | █ 5 | --- | --- | --- |
| Sodium | ppm | █ 2 | --- | --- | --- |
| Potassium | ppm | █ 5 | --- | --- | --- |

Diagnosis

The oil change at the time of sampling has been noted. 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 | █ 263 | --- | --- | --- |
| Copper | ppm | █ 49 | --- | --- | --- |
| Lead | ppm | █ <1 | --- | --- | --- |
| Tin | ppm | █ 2 | --- | --- | --- |
| Aluminum | ppm | █ <1 | --- | --- | --- |
| Chromium | ppm | █ 5 | --- | --- | --- |
| Molybdenum | ppm | █ 11 | --- | --- | --- |
| Nickel | ppm | █ 2 | --- | --- | --- |
| Titanium | ppm | <1 | --- | --- | --- |
| Silver | ppm | 0 | --- | --- | --- |
| Manganese | ppm | █ 11 | --- | --- | --- |
| Vanadium | ppm | <1 | --- | --- | --- |



ADDITIVES

| | | | | | |
|------------|-----|--------|-----|-----|-----|
| Calcium | ppm | █ 898 | --- | --- | --- |
| Magnesium | ppm | █ 3 | --- | --- | --- |
| Zinc | ppm | █ 363 | --- | --- | --- |
| Phosphorus | ppm | █ 1338 | --- | --- | --- |
| Barium | ppm | █ 4 | --- | --- | --- |
| Boron | ppm | █ 212 | --- | --- | --- |

Depot: VOLVO0013
Unique No: 11098659
Signed: Angela Borella
Report Date: 27 Jun 2024



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GRAPHS

