



CONSTRUCTION EQUIPMENT

VOLVO A25G 742079 - BOGIE/CENTER RIGHT FINAL DRIVE



Sample No: VCP362680
Oil Type: VOLVO API GL-5 SAE 75W90
Job No:



SAMPLE INFORMATION

| | | | | |
|---------------|--------------------|-------------|-----|-----|
| Sample Number | VCP362680 | VCP358231 | --- | --- |
| Sample Date | 28 May 2024 | 03 Oct 2022 | --- | --- |
| Machine Hours | 5148 | 4011 | --- | --- |
| Oil Hours | 1100 | 4011 | --- | --- |
| Oil Changed | Not Chngd | Changed | --- | --- |
| Sample Status | NORMAL | ABNORMAL | --- | --- |

WELLONS CONSTRUCTION
 510 N POWELL AVE
 DUNN, NC
 US 28334
 Contact: GREG WRENCH

OIL CONDITION

| | | | | | |
|-------------|-----|-------------|------|-----|-----|
| Visc @ 40°C | cSt | 51.5 | 59.4 | --- | --- |
|-------------|-----|-------------|------|-----|-----|

T: (910)892-6630
 F: (910)892-3046

CONTAMINATION

| | | | | | |
|-----------|-----|--------------|-----|-----|-----|
| Water | % | NEG | NEG | --- | --- |
| Silicon | ppm | 1 | 3 | --- | --- |
| Sodium | ppm | <1 | 0 | --- | --- |
| Potassium | ppm | 0 | 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 | 32 | 258 | --- | --- |
| Copper | ppm | 7 | 53 | --- | --- |
| Lead | ppm | 0 | 0 | --- | --- |
| Tin | ppm | 0 | 2 | --- | --- |
| Aluminum | ppm | 0 | <1 | --- | --- |
| Chromium | ppm | 0 | 5 | --- | --- |
| Molybdenum | ppm | 0 | 6 | --- | --- |
| Nickel | ppm | 0 | 2 | --- | --- |
| Titanium | ppm | 0 | 0 | --- | --- |
| Silver | ppm | 0 | 0 | --- | --- |
| Manganese | ppm | <1 | 14 | --- | --- |
| Vanadium | ppm | 0 | 0 | --- | --- |

ADDITIVES

| | | | | | |
|------------|-----|--------------|------|-----|-----|
| Calcium | ppm | 14 | 25 | --- | --- |
| Magnesium | ppm | <1 | <1 | --- | --- |
| Zinc | ppm | 0 | 11 | --- | --- |
| Phosphorus | ppm | 2395 | 1418 | --- | --- |
| Barium | ppm | 0 | 2 | --- | --- |
| Boron | ppm | 296 | 196 | --- | --- |

Depot: WELDUN
Unique No: 11059206
Signed: Don Baldrige
Report Date: 04 Jun 2024



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GRAPHS

