



CONSTRUCTION EQUIPMENT

374467 VOLVO A40G 353347 - REAR AXLE



Sample No: VCP394842
Oil Type: VOLVO SUPER GEAR OIL 75W-80-GO102
Job No: 374467



SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-----|-----|-----|
| Sample Number | VCP394842 | --- | --- | --- |
| Sample Date | 11 Aug 2023 | --- | --- | --- |
| Machine Hours | 1014 | --- | --- | --- |
| Oil Hours | 1000 | --- | --- | --- |
| Oil Changed | Not Chngd | --- | --- | --- |
| Sample Status | NORMAL | --- | --- | --- |

Strongco Equipment
 5179 Fountain St N.
 Breslau, ON
 CA N0B 1M0
 Contact: Villamor Pingol
 vpingol@strongco.com
 T: (519)744-3518
 F: (519)744-3284

OIL CONDITION

| | | | | | |
|-------------|-----|--------|-----|-----|-----|
| Visc @ 40°C | cSt | █ 51.6 | --- | --- | --- |
|-------------|-----|--------|-----|-----|-----|

CONTAMINATION

| | | | | | |
|-----------|-----|-----|-----|-----|-----|
| Silicon | ppm | █ 4 | --- | --- | --- |
| Sodium | ppm | █ 3 | --- | --- | --- |
| Potassium | ppm | █ 6 | --- | --- | --- |

Diagnosis
 Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. Additive levels indicate the addition of a different brand, or type of oil. The condition of the oil is acceptable for the time in service.

WEAR METALS

| | | | | | |
|------------|-----|-------|-----|-----|-----|
| Iron | ppm | █ 275 | --- | --- | --- |
| Copper | ppm | █ 1 | --- | --- | --- |
| Lead | ppm | █ 0 | --- | --- | --- |
| Tin | ppm | █ 0 | --- | --- | --- |
| Aluminum | ppm | █ 0 | --- | --- | --- |
| Chromium | ppm | █ 4 | --- | --- | --- |
| Molybdenum | ppm | █ 6 | --- | --- | --- |
| Nickel | ppm | █ <1 | --- | --- | --- |
| Titanium | ppm | 0 | --- | --- | --- |
| Silver | ppm | 0 | --- | --- | --- |
| Manganese | ppm | █ 8 | --- | --- | --- |
| Vanadium | ppm | 0 | --- | --- | --- |

ADDITIVES

| | | | | | |
|------------|-----|-------|-----|-----|-----|
| Calcium | ppm | 18 | --- | --- | --- |
| Magnesium | ppm | █ 1 | --- | --- | --- |
| Zinc | ppm | 14 | --- | --- | --- |
| Phosphorus | ppm | 2511 | --- | --- | --- |
| Barium | ppm | █ <1 | --- | --- | --- |
| Boron | ppm | █ 259 | --- | --- | --- |

Depot: CASKIT
Unique No: 5629958
Signed: Kevin Marson
Report Date: 21 Aug 2023



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GRAPHS

