



CONSTRUCTION EQUIPMENT

SWO-063209 VOLVO A30G 742048 - FRONT AXLE



Sample No: VCP416742
Oil Type: GEAR OIL SAE 80W140
Job No: SWO-063209



SAMPLE INFORMATION

| | | | | |
|---------------|--------------------|-------------|-------------|-----|
| Sample Number | VCP416742 | VCP380973 | VCP376305 | --- |
| Sample Date | 31 Jul 2023 | 10 Jan 2023 | 10 Jul 2022 | --- |
| Machine Hours | 8911 | 8548 | 8263 | --- |
| Oil Hours | 0 | 0 | 0 | --- |
| Oil Changed | Not Chngd | Not Chngd | Changed | --- |
| Sample Status | NORMAL | NORMAL | NORMAL | --- |

WHITAKER CONTRACTING

692 CONVICT CAMP RD
GUNTERVILLE, AL
US 35976

Contact: BROTHER WHITAKER
BrotherWhitaker@whitaker-contracting.com
T: (256)298-3905
F:



OIL CONDITION

| | | | | | |
|-------------|-----|------------|-----|-----|-----|
| Visc @ 40°C | cSt | 245 | 247 | 248 | --- |
|-------------|-----|------------|-----|-----|-----|



CONTAMINATION

| | | | | | |
|-----------|-----|--------------|---|---|-----|
| Silicon | ppm | 4 | 4 | 1 | --- |
| Sodium | ppm | 0 | 2 | 0 | --- |
| Potassium | ppm | <1 | 0 | 0 | --- |



WEAR METALS

| | | | | | |
|------------|-----|--------------|-----|----|-----|
| Iron | ppm | 86 | 131 | 11 | --- |
| Copper | ppm | 5 | 4 | 1 | --- |
| Lead | ppm | 0 | 0 | 0 | --- |
| Tin | ppm | 0 | 0 | <1 | --- |
| Aluminum | ppm | <1 | <1 | <1 | --- |
| Chromium | ppm | 2 | 2 | <1 | --- |
| Molybdenum | ppm | 5 | 5 | 3 | --- |
| Nickel | ppm | <1 | 1 | 0 | --- |
| Titanium | ppm | 0 | 0 | 0 | --- |
| Silver | ppm | 0 | 0 | 0 | --- |
| Manganese | ppm | 1 | 1 | <1 | --- |
| Vanadium | ppm | 0 | 0 | 0 | --- |



ADDITIVES

| | | | | | |
|------------|-----|------------|-----|-----|-----|
| Calcium | ppm | 126 | 108 | 55 | --- |
| Magnesium | ppm | 22 | 24 | 14 | --- |
| Zinc | ppm | 80 | 39 | 34 | --- |
| Phosphorus | ppm | 977 | 900 | 600 | --- |
| Barium | ppm | 0 | 0 | 0 | --- |
| Boron | ppm | 230 | 157 | 124 | --- |

Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL SAE 80W140. Please confirm.

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.

Depot: WHIGUN
Unique No: 10588354
Signed: Wes Davis
Report Date: 05 Aug 2023



CONSTRUCTION EQUIPMENT



GRAPHS

