



CONSTRUCTION EQUIPMENT

SPM688077 VOLVO A60H 340136 - FRONT AXLE



Sample No: VCP436176
Oil Type: GEAR OIL SAE 80W90
Job No: SPM688077



SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-----|-----|-----|
| Sample Number | VCP436176 | --- | --- | --- |
| Sample Date | 16 Mar 2024 | --- | --- | --- |
| Machine Hours | 14660 | --- | --- | --- |
| Oil Hours | 0 | --- | --- | --- |
| Oil Changed | Changed | --- | --- | --- |
| Sample Status | NORMAL | --- | --- | --- |

BELSON STEEL

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OIL CONDITION

| | | | | | |
|-------------|-----|-------|-----|-----|-----|
| Visc @ 40°C | cSt | █46.8 | --- | --- | --- |
|-------------|-----|-------|-----|-----|-----|



CONTAMINATION

| | | | | | |
|-----------|-----|-----|-----|-----|-----|
| Water | % | NEG | --- | --- | --- |
| Silicon | ppm | █3 | --- | --- | --- |
| Sodium | ppm | █4 | --- | --- | --- |
| Potassium | ppm | █2 | --- | --- | --- |

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.



WEAR METALS

| | | | | | |
|------------|-----|------|-----|-----|-----|
| Iron | ppm | █262 | --- | --- | --- |
| Copper | ppm | █0 | --- | --- | --- |
| Lead | ppm | █0 | --- | --- | --- |
| Tin | ppm | █0 | --- | --- | --- |
| Aluminum | ppm | █<1 | --- | --- | --- |
| Chromium | ppm | █5 | --- | --- | --- |
| Molybdenum | ppm | █2 | --- | --- | --- |
| Nickel | ppm | █1 | --- | --- | --- |
| Titanium | ppm | 0 | --- | --- | --- |
| Silver | ppm | <1 | --- | --- | --- |
| Manganese | ppm | █8 | --- | --- | --- |
| Vanadium | ppm | 0 | --- | --- | --- |



ADDITIVES

| | | | | | |
|------------|-----|-------|-----|-----|-----|
| Calcium | ppm | █7 | --- | --- | --- |
| Magnesium | ppm | █0 | --- | --- | --- |
| Zinc | ppm | █4 | --- | --- | --- |
| Phosphorus | ppm | █2301 | --- | --- | --- |
| Barium | ppm | █0 | --- | --- | --- |
| Boron | ppm | █212 | --- | --- | --- |

Depot: BELBOU
Unique No: 10990310
Signed: Sean Felton
Report Date: 24 Apr 2024



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GRAPHS

