



CONSTRUCTION EQUIPMENT

SPM538832 VOLVO L90H 626490 - FRONT RIGHT FINAL DRIVE



Sample No: VCP410685
Oil Type: VOLVO WET BRAKE TRANSAXLE OIL
Job No: SPM538832



SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-----|-----|-----|
| Sample Number | VCP410685 | --- | --- | --- |
| Sample Date | 14 Apr 2023 | --- | --- | --- |
| Machine Hours | 1006 | --- | --- | --- |
| Oil Hours | 0 | --- | --- | --- |
| Oil Changed | Changed | --- | --- | --- |
| Sample Status | NORMAL | --- | --- | --- |

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OIL CONDITION

| | | | | | |
|-------------|-----|-------|-----|-----|-----|
| Visc @ 40°C | cSt | █41.0 | --- | --- | --- |
|-------------|-----|-------|-----|-----|-----|



CONTAMINATION

| | | | | | |
|-----------|-----|-----|-----|-----|-----|
| Silicon | ppm | █21 | --- | --- | --- |
| Sodium | ppm | █12 | --- | --- | --- |
| Potassium | ppm | █0 | --- | --- | --- |

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 | █111 | --- | --- | --- |
| Copper | ppm | █2 | --- | --- | --- |
| Lead | ppm | █0 | --- | --- | --- |
| Tin | ppm | █0 | --- | --- | --- |
| Aluminum | ppm | █2 | --- | --- | --- |
| Chromium | ppm | █4 | --- | --- | --- |
| Molybdenum | ppm | █14 | --- | --- | --- |
| Nickel | ppm | █<1 | --- | --- | --- |
| Titanium | ppm | <1 | --- | --- | --- |
| Silver | ppm | 0 | --- | --- | --- |
| Manganese | ppm | █12 | --- | --- | --- |
| Vanadium | ppm | 0 | --- | --- | --- |



ADDITIVES

| | | | | | |
|------------|-----|-------|-----|-----|-----|
| Calcium | ppm | █3801 | --- | --- | --- |
| Magnesium | ppm | █16 | --- | --- | --- |
| Zinc | ppm | █1520 | --- | --- | --- |
| Phosphorus | ppm | █1286 | --- | --- | --- |
| Barium | ppm | █0 | --- | --- | --- |
| Boron | ppm | █135 | --- | --- | --- |

Depot: VOLVO5023
Unique No: 10445018
Signed: Wes Davis
Report Date: 28 Apr 2023



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GRAPHS

