



CONSTRUCTION EQUIPMENT

X59203 VOLVO L90H 624610 - TRANSMISSION (AUTO)



Sample No: VCP437153

Oil Type: ATF

Job No: X59203



SAMPLE INFORMATION

| | | | | |
|---------------|--------------------|-------------|-----|-----|
| Sample Number | VCP437153 | VCP379052 | --- | --- |
| Sample Date | 07 Feb 2024 | 27 Jun 2022 | --- | --- |
| Machine Hours | 8015 | 5210 | --- | --- |
| Oil Hours | 0 | 0 | --- | --- |
| Oil Changed | Changed | Changed | --- | --- |
| Sample Status | NORMAL | NORMAL | --- | --- |



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OIL CONDITION

| | | | | | |
|-------------|-----|-------------|------|-----|-----|
| Visc @ 40°C | cSt | 26.0 | 26.0 | --- | --- |
|-------------|-----|-------------|------|-----|-----|



CONTAMINATION

| | | | | | |
|-----------|-----|------------|-----|-----|-----|
| Water | % | NEG | NEG | --- | --- |
| Silicon | ppm | 12 | 11 | --- | --- |
| Sodium | ppm | 12 | 8 | --- | --- |
| Potassium | ppm | 1 | 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 fluid. The condition of the fluid is acceptable for the time in service.



WEAR METALS

| | | | | | |
|------------|-----|--------------|----|-----|-----|
| Iron | ppm | 119 | 97 | --- | --- |
| Copper | ppm | 9 | 7 | --- | --- |
| Lead | ppm | 0 | 0 | --- | --- |
| Tin | ppm | 0 | 0 | --- | --- |
| Aluminum | ppm | <1 | 1 | --- | --- |
| Chromium | ppm | <1 | <1 | --- | --- |
| Molybdenum | ppm | 0 | <1 | --- | --- |
| Nickel | ppm | 0 | <1 | --- | --- |
| Titanium | ppm | 0 | 0 | --- | --- |
| Silver | ppm | 0 | <1 | --- | --- |
| Manganese | ppm | 10 | 8 | --- | --- |
| Vanadium | ppm | 0 | 0 | --- | --- |



ADDITIVES

| | | | | | |
|------------|-----|------------|-----|-----|-----|
| Calcium | ppm | 100 | 98 | --- | --- |
| Magnesium | ppm | 2 | <1 | --- | --- |
| Zinc | ppm | 53 | 45 | --- | --- |
| Phosphorus | ppm | 166 | 159 | --- | --- |
| Barium | ppm | 2 | 0 | --- | --- |
| Boron | ppm | 44 | 56 | --- | --- |

Depot: SCOSAI
Unique No: 10873912
Signed: Don Baldrige
Report Date: 13 Feb 2024



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VOLVO GRAPHS

