



CONSTRUCTION EQUIPMENT

X11128 WEYER/EMERSON VOLVO L150H 7284 - FRONT AXLE



Sample No: VCP431867
Oil Type: VOLVO WET BRAKE TRANSAXLE OIL
Job No: X11128 WEYER/EMERSON



SAMPLE INFORMATION

| | | | | |
|---------------|--------------------|-------------|-----|-----|
| Sample Number | VCP431867 | VCP431943 | --- | --- |
| Sample Date | 14 Feb 2024 | 14 Feb 2024 | --- | --- |
| Machine Hours | 1798 | 1798 | --- | --- |
| Oil Hours | 1798 | 1798 | --- | --- |
| Oil Changed | Not Chngd | Not Chngd | --- | --- |
| Sample Status | NORMAL | NORMAL | --- | --- |

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OIL CONDITION

| | | | | | |
|-------------|-----|-------------|------|-----|-----|
| Visc @ 40°C | cSt | 41.8 | 41.7 | --- | --- |
|-------------|-----|-------------|------|-----|-----|



CONTAMINATION

| | | | | | |
|-----------|-----|------------|-----|-----|-----|
| Water | % | NEG | NEG | --- | --- |
| Silicon | ppm | 10 | 11 | --- | --- |
| Sodium | ppm | 0 | 0 | --- | --- |
| Potassium | ppm | 0 | 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 | 41 | 73 | --- | --- |
| Copper | ppm | <1 | <1 | --- | --- |
| Lead | ppm | 0 | 0 | --- | --- |
| Tin | ppm | 0 | 0 | --- | --- |
| Aluminum | ppm | <1 | <1 | --- | --- |
| Chromium | ppm | 1 | 2 | --- | --- |
| Molybdenum | ppm | 0 | 0 | --- | --- |
| Nickel | ppm | 0 | 0 | --- | --- |
| Titanium | ppm | 0 | 0 | --- | --- |
| Silver | ppm | 0 | 0 | --- | --- |
| Manganese | ppm | 2 | 4 | --- | --- |
| Vanadium | ppm | 0 | 0 | --- | --- |



ADDITIVES

| | | | | | |
|------------|-----|-------------|------|-----|-----|
| Calcium | ppm | 3555 | 3579 | --- | --- |
| Magnesium | ppm | 11 | 11 | --- | --- |
| Zinc | ppm | 1576 | 1572 | --- | --- |
| Phosphorus | ppm | 1279 | 1257 | --- | --- |
| Barium | ppm | 0 | 0 | --- | --- |
| Boron | ppm | 117 | 116 | --- | --- |

Depot: VOLVO1034
Unique No: 10887358
Signed: Wes Davis
Report Date: 21 Feb 2024



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VOLVO GRAPHS

