



CONSTRUCTION EQUIPMENT

W07014066 TAKEUCHI TL8 200801321 - REAR LEFT FINAL DRIVE



Sample No: VCP414791
Oil Type: GEAR OIL SAE 75W90
Job No: W07014066



SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-----|-----|-----|
| Sample Number | VCP414791 | --- | --- | --- |
| Sample Date | 20 Jan 2024 | --- | --- | --- |
| Machine Hours | 2042 | --- | --- | --- |
| Oil Hours | 0 | --- | --- | --- |
| Oil Changed | Changed | --- | --- | --- |
| Sample Status | SEVERE | --- | --- | --- |

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OIL CONDITION

| | | | | | |
|-------------|-----|-------|-----|-----|-----|
| Visc @ 40°C | cSt | █ 186 | --- | --- | --- |
|-------------|-----|-------|-----|-----|-----|



CONTAMINATION

| | | | | | |
|-----------|-----|-------|-----|-----|-----|
| Water | % | NEG | --- | --- | --- |
| Silicon | ppm | ▲ 159 | --- | --- | --- |
| Sodium | ppm | █ 9 | --- | --- | --- |
| Potassium | ppm | █ 5 | --- | --- | --- |



WEAR METALS

| | | | | | |
|------------|-----|--------|-----|-----|-----|
| Iron | ppm | ● 3197 | --- | --- | --- |
| Copper | ppm | █ 14 | --- | --- | --- |
| Lead | ppm | █ <1 | --- | --- | --- |
| Tin | ppm | █ 1 | --- | --- | --- |
| Aluminum | ppm | ▲ 32 | --- | --- | --- |
| Chromium | ppm | ▲ 22 | --- | --- | --- |
| Molybdenum | ppm | █ <1 | --- | --- | --- |
| Nickel | ppm | █ 5 | --- | --- | --- |
| Titanium | ppm | 3 | --- | --- | --- |
| Silver | ppm | 0 | --- | --- | --- |
| Manganese | ppm | 33 | --- | --- | --- |
| Vanadium | ppm | <1 | --- | --- | --- |



ADDITIVES

| | | | | | |
|------------|-----|-------|-----|-----|-----|
| Calcium | ppm | █ 14 | --- | --- | --- |
| Magnesium | ppm | █ 5 | --- | --- | --- |
| Zinc | ppm | █ 87 | --- | --- | --- |
| Phosphorus | ppm | █ 223 | --- | --- | --- |
| Barium | ppm | █ 13 | --- | --- | --- |
| Boron | ppm | █ <1 | --- | --- | --- |

Diagnosis

We advise that you check all areas where dirt can enter the system. The oil change at the time of sampling has been noted. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition. Gear wear is indicated. Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: VOLVO8882
Unique No: 10846798
Signed: Sean Felton
Report Date: 26 Jan 2024



CONSTRUCTION EQUIPMENT



GRAPHS

