



CONSTRUCTION EQUIPMENT

70967 COUCH VOLVO A45G 352798 - REAR RIGHT FINAL DRIVE



Sample No: VCP445509
Oil Type: VOLVO
Job No: 70967 COUCH



SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-----|-----|-----|
| Sample Number | VCP445509 | --- | --- | --- |
| Sample Date | 04 Apr 2024 | --- | --- | --- |
| Machine Hours | 3950 | --- | --- | --- |
| Oil Hours | 0 | --- | --- | --- |
| Oil Changed | Changed | --- | --- | --- |
| Sample Status | ABNORMAL | --- | --- | --- |

COWIN EQUIPMENT COMPANY

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OIL CONDITION

| | | | | | |
|-------------|-----|------|-----|-----|-----|
| Visc @ 40°C | cSt | 41.1 | --- | --- | --- |
|-------------|-----|------|-----|-----|-----|



CONTAMINATION

| | | | | | |
|-----------|-----|-----|-----|-----|-----|
| Water | % | NEG | --- | --- | --- |
| Silicon | ppm | 23 | --- | --- | --- |
| Sodium | ppm | 10 | --- | --- | --- |
| Potassium | ppm | 3 | --- | --- | --- |



WEAR METALS

| | | | | | |
|------------|-----|-----|-----|-----|-----|
| Iron | ppm | 42 | --- | --- | --- |
| Copper | ppm | 282 | --- | --- | --- |
| Lead | ppm | <1 | --- | --- | --- |
| Tin | ppm | 1 | --- | --- | --- |
| Aluminum | ppm | 2 | --- | --- | --- |
| Chromium | ppm | 2 | --- | --- | --- |
| Molybdenum | ppm | <1 | --- | --- | --- |
| Nickel | ppm | 7 | --- | --- | --- |
| Titanium | ppm | <1 | --- | --- | --- |
| Silver | ppm | 0 | --- | --- | --- |
| Manganese | ppm | 3 | --- | --- | --- |
| Vanadium | ppm | <1 | --- | --- | --- |



ADDITIVES

| | | | | | |
|------------|-----|------|-----|-----|-----|
| Calcium | ppm | 3528 | --- | --- | --- |
| Magnesium | ppm | 9 | --- | --- | --- |
| Zinc | ppm | 1552 | --- | --- | --- |
| Phosphorus | ppm | 1375 | --- | --- | --- |
| Barium | ppm | <1 | --- | --- | --- |
| Boron | ppm | 110 | --- | --- | --- |

Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. The copper level is abnormal. All other 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.

Depot: VOLVO8247
Unique No: 10968194
Signed: Jonathan Hester
Report Date: 12 Apr 2024



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GRAPHS

