



CONSTRUCTION EQUIPMENT

VOLVO A40G 352025 - TRANSMISSION (AUTO)



Sample No: VCP435804

Oil Type: MOBIL MULTI-PURPOSE ATF

Job No:



SAMPLE INFORMATION

| | | | | |
|---------------|--------------------|-------------|-------------|-------------|
| Sample Number | VCP435804 | VCP416946 | VCP331587 | VCP405663 |
| Sample Date | 29 Apr 2024 | 14 Feb 2024 | 06 Nov 2023 | 21 Aug 2023 |
| Machine Hours | 10924 | 10331 | 9810 | 9271 |
| Oil Hours | 593 | 521 | 539 | 467 |
| Oil Changed | Changed | Changed | Changed | Changed |
| Sample Status | NORMAL | NORMAL | NORMAL | NORMAL |

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OIL CONDITION

| | | | | | |
|-------------|-----|-------------|------|------|------|
| Visc @ 40°C | cSt | 28.8 | 28.8 | 28.6 | 27.9 |
|-------------|-----|-------------|------|------|------|



CONTAMINATION

| Water | % | NEG | NEG | NEG | NEG |
|-----------|-----|----------|-----|-----|-----|
| Silicon | ppm | 3 | 1 | 2 | 2 |
| Sodium | ppm | 0 | 3 | 4 | 6 |
| Potassium | ppm | 2 | 0 | 2 | 1 |

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 | 10 | 0 | 2 | 5 |
| Copper | ppm | 13 | 8 | 7 | 8 |
| Lead | ppm | <1 | <1 | 0 | 0 |
| Tin | ppm | 2 | <1 | <1 | <1 |
| Aluminum | ppm | 3 | 3 | 2 | 2 |
| Chromium | ppm | <1 | 0 | 0 | 0 |
| Molybdenum | ppm | <1 | 0 | 0 | <1 |
| Nickel | ppm | 3 | <1 | 2 | <1 |
| Titanium | ppm | <1 | 0 | 0 | 0 |
| Silver | ppm | 0 | 0 | 0 | 0 |
| Manganese | ppm | <1 | 0 | 0 | <1 |
| Vanadium | ppm | <1 | <1 | 0 | 0 |



ADDITIVES

| | | | | | |
|------------|-----|------------|-----|-----|-----|
| Calcium | ppm | 82 | 85 | 119 | 196 |
| Magnesium | ppm | 2 | 1 | 7 | 17 |
| Zinc | ppm | 2 | 0 | 6 | 46 |
| Phosphorus | ppm | 234 | 212 | 254 | 290 |
| Barium | ppm | 0 | 0 | 0 | 0 |
| Boron | ppm | 127 | 128 | 101 | 96 |

Depot: SCHGRE
Unique No: 11019085
Signed: Wes Davis
Report Date: 09 May 2024

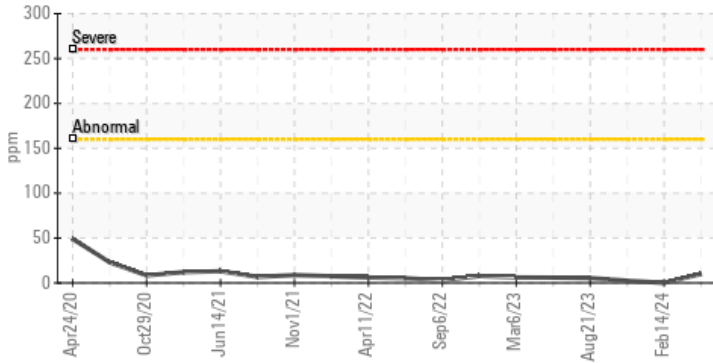


CONSTRUCTION EQUIPMENT

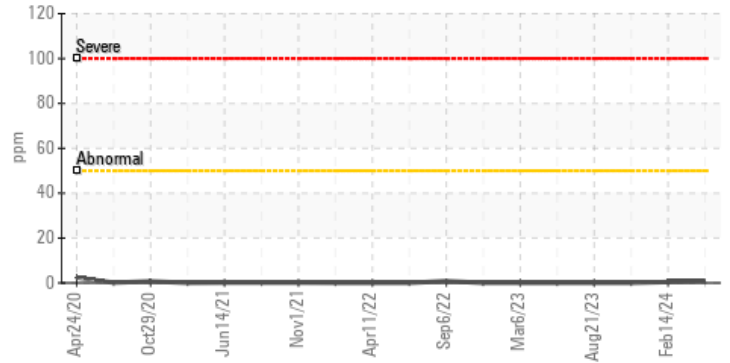


GRAPHS

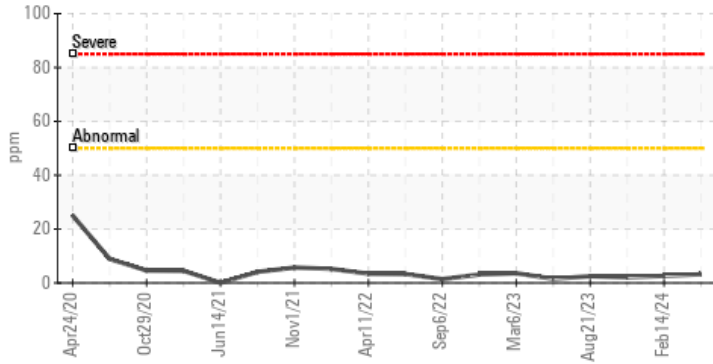
Iron (ppm)



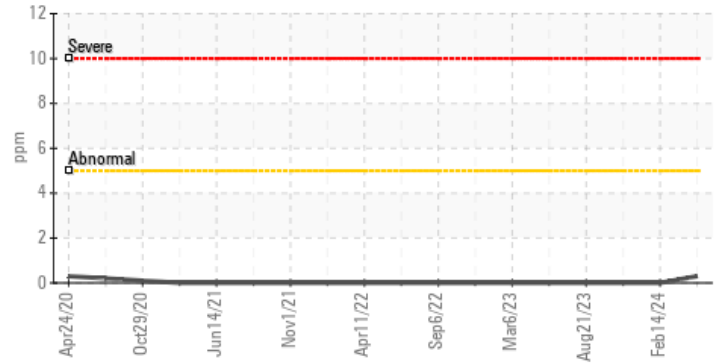
Lead (ppm)



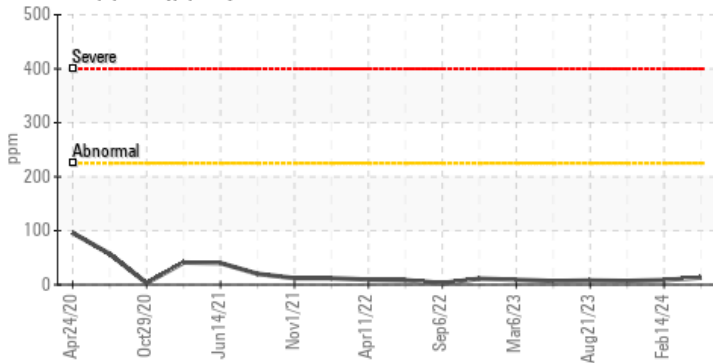
Aluminum (ppm)



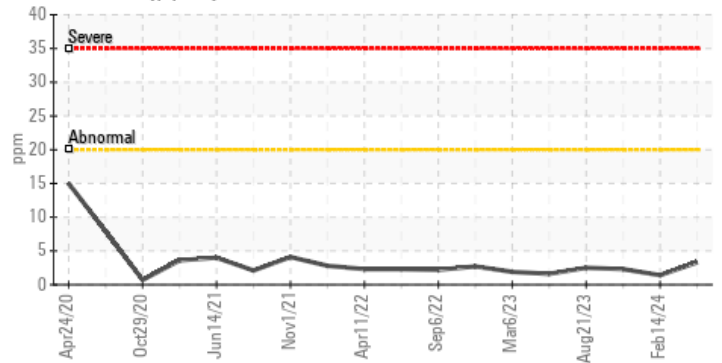
Chromium (ppm)



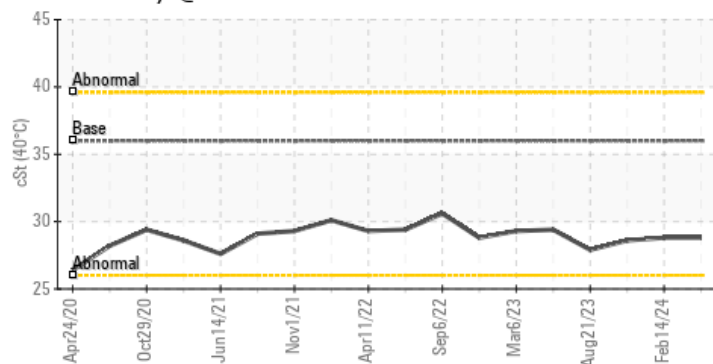
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

