



CONSTRUCTION EQUIPMENT

X37243 VOLVO L220H 3384 - TRANSMISSION (AUTO)



Sample No: VCP442593

Oil Type: DEXRON III

Job No: X37243



SAMPLE INFORMATION

| | | | | |
|---------------|--------------------|-------------|-----|-----|
| Sample Number | VCP442593 | VCP412338 | --- | --- |
| Sample Date | 11 Oct 2023 | 18 Jul 2023 | --- | --- |
| Machine Hours | 0 | 3751 | --- | --- |
| Oil Hours | 0 | 0 | --- | --- |
| Oil Changed | N/A | Not Changd | --- | --- |
| Sample Status | NORMAL | NORMAL | --- | --- |



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OIL CONDITION

| | | | | | |
|-------------|-----|-------------|------|-----|-----|
| Visc @ 40°C | cSt | 28.0 | 27.6 | --- | --- |
|-------------|-----|-------------|------|-----|-----|



CONTAMINATION

| | | | | | |
|-----------|-----|-----------|----|-----|-----|
| Silicon | ppm | 10 | 13 | --- | --- |
| Sodium | ppm | 11 | 6 | --- | --- |
| Potassium | ppm | 2 | 2 | --- | --- |



WEAR METALS

| | | | | | |
|------------|-----|--------------|----|-----|-----|
| Iron | ppm | 58 | 57 | --- | --- |
| Copper | ppm | 6 | 7 | --- | --- |
| Lead | ppm | <1 | 0 | --- | --- |
| Tin | ppm | <1 | 0 | --- | --- |
| Aluminum | ppm | 2 | 1 | --- | --- |
| Chromium | ppm | <1 | <1 | --- | --- |
| Molybdenum | ppm | 0 | 0 | --- | --- |
| Nickel | ppm | 0 | 0 | --- | --- |
| Titanium | ppm | 0 | 0 | --- | --- |
| Silver | ppm | 0 | 0 | --- | --- |
| Manganese | ppm | 4 | 4 | --- | --- |
| Vanadium | ppm | 0 | 0 | --- | --- |



ADDITIVES

| | | | | | |
|------------|-----|------------|-----|-----|-----|
| Calcium | ppm | 74 | 75 | --- | --- |
| Magnesium | ppm | 11 | 2 | --- | --- |
| Zinc | ppm | 8 | 6 | --- | --- |
| Phosphorus | ppm | 169 | 187 | --- | --- |
| Barium | ppm | 3 | 2 | --- | --- |
| Boron | ppm | 45 | 76 | --- | --- |

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.

Depot: DIPMED
Unique No: 10713444
Signed: Wes Davis
Report Date: 27 Oct 2023



CONSTRUCTION EQUIPMENT



GRAPHS

Iron (ppm)



Lead (ppm)



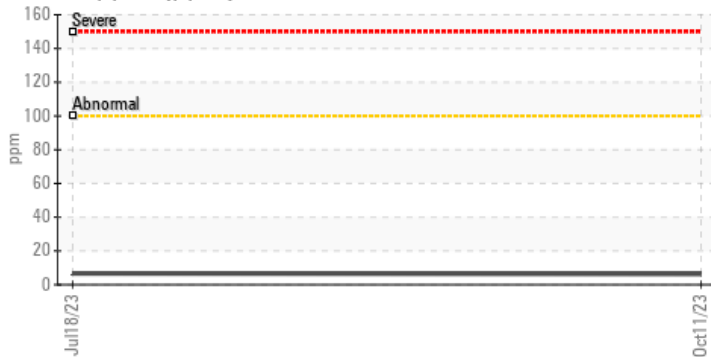
Aluminum (ppm)



Chromium (ppm)



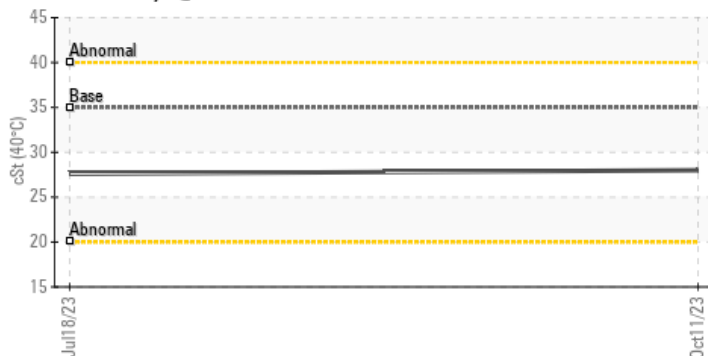
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

