



CONSTRUCTION EQUIPMENT

579651 DIPRO CATERPILLAR 972M HLSJ02687 - TRANSMISSION



Sample No: VCP414164
Oil Type: CAT TDTO TRANS-DRIVE SAE 30
Job No: 579651 DIPRO



ALTA EQUIPMENT COMPANY - METRO WEST
 56195 PONTIAC TRAIL
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SAMPLE INFORMATION

| | | | | |
|---------------|--------------------|-------------|-----|-----|
| Sample Number | VCP414164 | VCP382849 | --- | --- |
| Sample Date | 10 Jul 2023 | 18 Jan 2023 | --- | --- |
| Machine Hours | 14435 | 12151 | --- | --- |
| Oil Hours | 1000 | 2000 | --- | --- |
| Oil Changed | Changed | Changed | --- | --- |
| Sample Status | NORMAL | NORMAL | --- | --- |



OIL CONDITION

| | | | | | |
|-------------|-----|-------------|------|-----|-----|
| Visc @ 40°C | cSt | 88.6 | 62.1 | --- | --- |
|-------------|-----|-------------|------|-----|-----|



CONTAMINATION

| | | | | | |
|-----------|-----|----------|---|-----|-----|
| Silicon | ppm | 4 | 6 | --- | --- |
| Sodium | ppm | 2 | 4 | --- | --- |
| Potassium | ppm | 1 | 0 | --- | --- |



WEAR METALS

| | | | | | |
|------------|-----|--------------|----|-----|-----|
| Iron | ppm | 13 | 29 | --- | --- |
| Copper | ppm | 20 | 73 | --- | --- |
| Lead | ppm | 2 | 10 | --- | --- |
| Tin | ppm | 1 | 4 | --- | --- |
| Aluminum | ppm | 2 | 2 | --- | --- |
| Chromium | ppm | 0 | <1 | --- | --- |
| Molybdenum | ppm | 0 | <1 | --- | --- |
| Nickel | ppm | <1 | <1 | --- | --- |
| Titanium | ppm | 0 | 0 | --- | --- |
| Silver | ppm | 0 | <1 | --- | --- |
| Manganese | ppm | <1 | <1 | --- | --- |
| Vanadium | ppm | <1 | 0 | --- | --- |



ADDITIVES

| | | | | | |
|------------|-----|-------------|------|-----|-----|
| Calcium | ppm | 3119 | 3058 | --- | --- |
| Magnesium | ppm | 8 | 13 | --- | --- |
| Zinc | ppm | 1301 | 1222 | --- | --- |
| Phosphorus | ppm | 1041 | 1000 | --- | --- |
| Barium | ppm | 2 | 0 | --- | --- |
| Boron | ppm | 8 | 27 | --- | --- |

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: VOLVO2990
Unique No: 10560410
Signed: Angela Borella
Report Date: 18 Jul 2023



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GRAPHS

