



CONSTRUCTION EQUIPMENT

W07011941-1 STANLEY VOLVO A45G 342393 - TRANSMISSION (AUTO)



Sample No: VCP401341
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: W07011941-1 STANLEY



McClung-Logan Virginia LLC- RICHMOND
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SAMPLE INFORMATION

| | | | | |
|---------------|--------------------|-------------|-----|-----|
| Sample Number | VCP401341 | VCP401340 | --- | --- |
| Sample Date | 16 Jan 2023 | 13 Jan 2023 | --- | --- |
| Machine Hours | 5894 | 6044 | --- | --- |
| Oil Hours | 0 | 0 | --- | --- |
| Oil Changed | Changed | Changed | --- | --- |
| Sample Status | NORMAL | NORMAL | --- | --- |



OIL CONDITION

| | | | | | |
|-------------|-----|-------------|------|-----|-----|
| Visc @ 40°C | cSt | 29.0 | 32.0 | --- | --- |
|-------------|-----|-------------|------|-----|-----|



CONTAMINATION

| | | | | | |
|-----------|-----|----------|---|-----|-----|
| Silicon | ppm | 5 | 5 | --- | --- |
| Sodium | ppm | 5 | 2 | --- | --- |
| Potassium | ppm | 0 | 2 | --- | --- |



WEAR METALS

| | | | | | |
|------------|-----|--------------|----|-----|-----|
| Iron | ppm | 53 | 34 | --- | --- |
| Copper | ppm | 29 | 29 | --- | --- |
| Lead | ppm | 0 | 0 | --- | --- |
| Tin | ppm | 4 | 4 | --- | --- |
| Aluminum | ppm | 16 | 13 | --- | --- |
| Chromium | ppm | <1 | 0 | --- | --- |
| Molybdenum | ppm | <1 | <1 | --- | --- |
| Nickel | ppm | 4 | 1 | --- | --- |
| Titanium | ppm | 0 | 0 | --- | --- |
| Silver | ppm | 0 | 0 | --- | --- |
| Manganese | ppm | 1 | <1 | --- | --- |
| Vanadium | ppm | 0 | 0 | --- | --- |



ADDITIVES

| | | | | | |
|------------|-----|--------------|-----|-----|-----|
| Calcium | ppm | 148 | 128 | --- | --- |
| Magnesium | ppm | <1 | 8 | --- | --- |
| Zinc | ppm | 19 | 28 | --- | --- |
| Phosphorus | ppm | 212 | 220 | --- | --- |
| Barium | ppm | 0 | 0 | --- | --- |
| Boron | ppm | 85 | 90 | --- | --- |

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: VOLVO8882
Unique No: 10300118
Signed: Wes Davis
Report Date: 24 Jan 2023

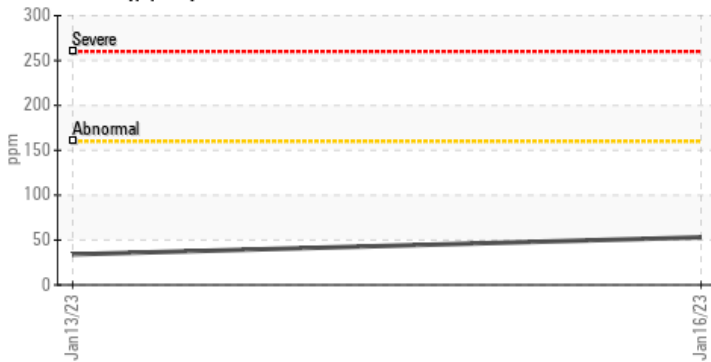


CONSTRUCTION EQUIPMENT

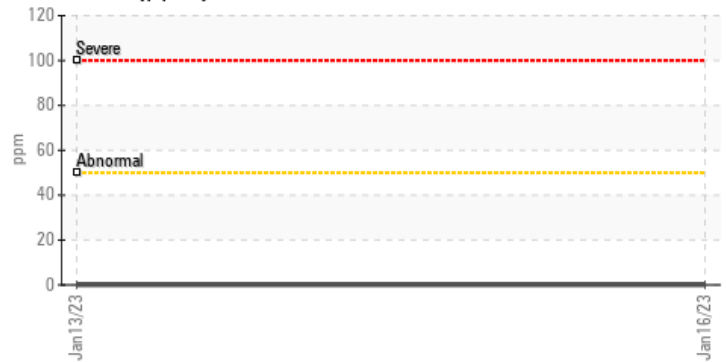


GRAPHS

Iron (ppm)



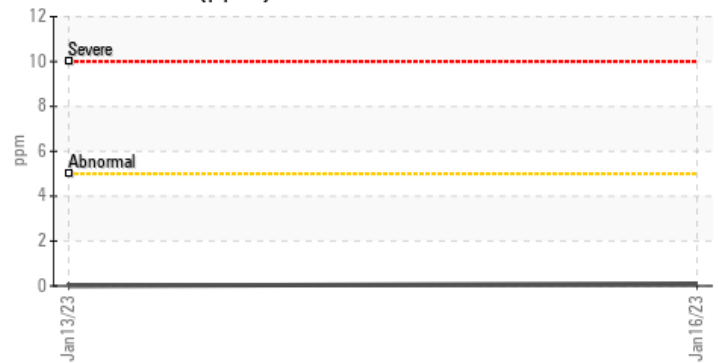
Lead (ppm)



Aluminum (ppm)



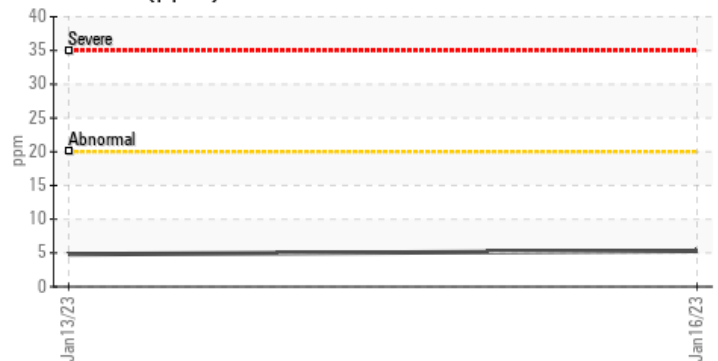
Chromium (ppm)



Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

