



CONSTRUCTION EQUIPMENT

TRIPLE M METAL 400471 VOLVO A40G 353438 - BOGIE/CENTER LEFT FINAL DRIVE



Sample No: VCP450426
Oil Type: VOLVO WB 102
Job No: 400471



SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-------------|-----|-----|
| Sample Number | VCP450426 | VCP430029 | --- | --- |
| Sample Date | 09 Apr 2024 | 07 Mar 2024 | --- | --- |
| Machine Hours | 5295 | 4722 | --- | --- |
| Oil Hours | 1000 | 4000 | --- | --- |
| Oil Changed | Not Changed | Changed | --- | --- |
| Sample Status | NORMAL | NORMAL | --- | --- |

STRONGCO EQUIPMENT (CE)

1051 Heritage Rd.
Burlington, ON
CA L7L 4Y1

Contact: Sue Hooton
shooton@strongco.com
T: (905)331-3835
F: (905)643-6077



OIL CONDITION

| | | | | | |
|-------------|-----|------|------|-----|-----|
| Visc @ 40°C | cSt | 42.6 | 42.8 | --- | --- |
|-------------|-----|------|------|-----|-----|



CONTAMINATION

| | | | | | |
|-----------|-----|-----|-----|-----|-----|
| Water | % | NEG | NEG | --- | --- |
| Silicon | ppm | 11 | 17 | --- | --- |
| Sodium | ppm | 2 | 4 | --- | --- |
| Potassium | ppm | <1 | 2 | --- | --- |

Diagnosis

Resample at the next service interval to monitor. All 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.



WEAR METALS

| | | | | | |
|------------|-----|----|----|-----|-----|
| Iron | ppm | 10 | 28 | --- | --- |
| Copper | ppm | 4 | 24 | --- | --- |
| Lead | ppm | 0 | <1 | --- | --- |
| Tin | ppm | 0 | 0 | --- | --- |
| Aluminum | ppm | 1 | 1 | --- | --- |
| Chromium | ppm | 0 | <1 | --- | --- |
| Molybdenum | ppm | 0 | 0 | --- | --- |
| Nickel | ppm | 2 | 6 | --- | --- |
| Titanium | ppm | 0 | 0 | --- | --- |
| Silver | ppm | 0 | 0 | --- | --- |
| Manganese | ppm | <1 | 0 | --- | --- |
| Vanadium | ppm | 0 | 0 | --- | --- |



ADDITIVES

| | | | | | |
|------------|-----|------|------|-----|-----|
| Calcium | ppm | 3932 | 3545 | --- | --- |
| Magnesium | ppm | 12 | 8 | --- | --- |
| Zinc | ppm | 1587 | 1509 | --- | --- |
| Phosphorus | ppm | 1273 | 1354 | --- | --- |
| Barium | ppm | 0 | 0 | --- | --- |
| Boron | ppm | 115 | 106 | --- | --- |

Depot: VOLVO0252
Unique No: 5761398
Signed: Wes Davis
Report Date: 11 Apr 2024



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GRAPHS

