

# OIL ANALYSIS REPORT



## STEVEN DREW 7719361 VOLVO PENTA 51220264724 - INBOARD - CENTER GEARBOX

Sample No: VPA055095

Oil Type: CHEVRON AUTOMATIC TRANS FLUID MD-3

### SAMPLE INFORMATION

|               |             |             |             |     |
|---------------|-------------|-------------|-------------|-----|
| Sample Number | VPA055095   | VPA028597   | VPA026353   | --- |
| Sample Date   | 22 Mar 2024 | 04 Nov 2021 | 28 May 2020 | --- |
| Machine Hours | 880         | 615         | 444         | --- |
| Oil Hours     | 880         | 0           | 213         | --- |
| Oil Changed   | Changed     | Changed     | Changed     | --- |
| Sample Status | NORMAL      | NORMAL      | NORMAL      | --- |

Pacific Power Group - VP981534

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US 98032

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### OIL CONDITION

|             |     |        |      |      |     |
|-------------|-----|--------|------|------|-----|
| Visc @ 40°C | cSt | ■ 29.5 | 27.8 | 25.9 | --- |
|-------------|-----|--------|------|------|-----|

### CONTAMINATION

|           |     |      |      |      |     |
|-----------|-----|------|------|------|-----|
| Water     | %   | NEG  | NEG  | NEG  | --- |
| Silicon   | ppm | ■ 3  | ■ <1 | ■ 3  | --- |
| Sodium    | ppm | ■ <1 | ■ <1 | ■ <1 | --- |
| Potassium | ppm | ■ 3  | ■ <1 | ■ 1  | --- |

### Diagnosis

No corrective action is recommended at this time. 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

|            |     |      |      |      |     |
|------------|-----|------|------|------|-----|
| PQ         |     | ■ 16 | ■ 26 | ■ 22 | --- |
| Iron       | ppm | ■ 9  | ■ 6  | ■ 11 | --- |
| Copper     | ppm | ■ 50 | ■ 26 | ■ 24 | --- |
| Lead       | ppm | ■ 17 | ■ 12 | ■ 26 | --- |
| Tin        | ppm | ■ 2  | ■ <1 | ■ 1  | --- |
| Aluminum   | ppm | ■ 2  | ■ <1 | ■ <1 | --- |
| Chromium   | ppm | ■ <1 | 0    | <1   | --- |
| Molybdenum | ppm | ■ 2  | ■ <1 | ■ 0  | --- |
| Nickel     | ppm | ■ 1  | 0    | 0    | --- |
| Titanium   | ppm | <1   | 0    | 0    | --- |
| Silver     | ppm | 0    | 0    | 0    | --- |
| Manganese  | ppm | ■ <1 | ■ <1 | ■ <1 | --- |
| Vanadium   | ppm | <1   | 0    | 0    | --- |

### ADDITIVES

|            |     |       |       |       |     |
|------------|-----|-------|-------|-------|-----|
| Calcium    | ppm | 17    | 6     | 16    | --- |
| Magnesium  | ppm | ■ 3   | ■ <1  | ■ 2   | --- |
| Zinc       | ppm | ■ 8   | ■ 2   | ■ 12  | --- |
| Phosphorus | ppm | ■ 146 | ■ 139 | ■ 142 | --- |
| Barium     | ppm | ■ 0   | ■ 0   | ■ <1  | --- |
| Boron      | ppm | ■ 57  | ■ 60  | ■ 56  | --- |

Depot: VP99031103

Unique No: 10955225

Signed: Sean Felton

Report Date: 04 Apr 2024

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**VOLVO  
PENTA**

## GRAPHS

