

OIL ANALYSIS REPORT

VOLVO PENTA

CHARLIE WICKERS PATRICK/502926-7250 VOLVO PENTA 3200003205 - PORT IPS

Sample No: VPA061978

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-------------|-----|-----|
| Sample Number | VPA061978 | VPA060078 | --- | --- |
| Sample Date | 16 Apr 2024 | 21 Feb 2024 | --- | --- |
| Machine Hours | 215 | 194 | --- | --- |
| Oil Hours | 0 | 75 | --- | --- |
| Oil Changed | Changed | Not Changd | --- | --- |
| Sample Status | NORMAL | NORMAL | --- | --- |

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OIL CONDITION

| | | | | | |
|-------------|-----|--------|--------|-----|-----|
| Visc @ 40°C | cSt | ■ 91.4 | ■ 92.3 | --- | --- |
|-------------|-----|--------|--------|-----|-----|

CONTAMINATION

| | | | | | |
|-----------|-----|------|------|-----|-----|
| Water | % | NEG | NEG | --- | --- |
| Silicon | ppm | <1 | <1 | --- | --- |
| Sodium | ppm | ■ 2 | ■ 2 | --- | --- |
| Potassium | ppm | ■ <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 | | ■ 18 | ■ 13 | --- | --- |
| Iron | ppm | ■ 25 | ■ 20 | --- | --- |
| Copper | ppm | 8 | 6 | --- | --- |
| Lead | ppm | 0 | 0 | --- | --- |
| Tin | ppm | 0 | 0 | --- | --- |
| Aluminum | ppm | 0 | <1 | --- | --- |
| Chromium | ppm | ■ <1 | ■ <1 | --- | --- |
| Molybdenum | ppm | ■ 1 | ■ <1 | --- | --- |
| Nickel | ppm | ■ 0 | ■ <1 | --- | --- |
| Titanium | ppm | 0 | 0 | --- | --- |
| Silver | ppm | 0 | 0 | --- | --- |
| Manganese | ppm | ■ 2 | ■ <1 | --- | --- |
| Vanadium | ppm | 0 | 0 | --- | --- |

ADDITIVES

| | | | | | |
|------------|-----|--------|--------|-----|-----|
| Calcium | ppm | ■ 20 | ■ 14 | --- | --- |
| Magnesium | ppm | 103 | 100 | --- | --- |
| Zinc | ppm | ■ 8 | ■ 10 | --- | --- |
| Phosphorus | ppm | ■ 1503 | ■ 1497 | --- | --- |
| Barium | ppm | ■ 1 | ■ 0 | --- | --- |
| Boron | ppm | ■ 590 | ■ 531 | --- | --- |

Depot: VP794951
Unique No: 10991716
Signed: Sean Felton
Report Date: 24 Apr 2024

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GRAPHS

