

OIL ANALYSIS REPORT

VOLVO PENTA

WILDE 582220 VOLVO PENTA 3950002437 - STARBOARD IPS

Sample No: VPA039433

Oil Type: VOLVO API GL-5 SAE 75W90

SAMPLE INFORMATION

| | | | | |
|---------------|--------------------|-------------|-----|-----|
| Sample Number | VPA039433 | VPA026778 | --- | --- |
| Sample Date | 11 Jul 2023 | 22 Apr 2021 | --- | --- |
| Machine Hours | 300 | 221 | --- | --- |
| Oil Hours | 0 | 0 | --- | --- |
| Oil Changed | Not Changd | N/A | --- | --- |
| Sample Status | NORMAL | NORMAL | --- | --- |

OIL CONDITION

| | | | | | |
|-------------|-----|------------|-----|-----|-----|
| Visc @ 40°C | cSt | 109 | 105 | --- | --- |
|-------------|-----|------------|-----|-----|-----|

CONTAMINATION

| | | | | | |
|-----------|-----|--------------|----|-----|-----|
| Silicon | ppm | 7 | 15 | --- | --- |
| Sodium | ppm | 0 | <1 | --- | --- |
| Potassium | ppm | <1 | 2 | --- | --- |

WEAR METALS

| | | | | | |
|------------|-----|--------------|----|-----|-----|
| PQ | | 12 | 24 | --- | --- |
| Iron | ppm | 8 | 16 | --- | --- |
| Copper | ppm | 2 | 4 | --- | --- |
| Lead | ppm | <1 | 0 | --- | --- |
| Tin | ppm | 0 | 0 | --- | --- |
| Aluminum | ppm | 0 | <1 | --- | --- |
| Chromium | ppm | 0 | <1 | --- | --- |
| Molybdenum | ppm | 0 | 0 | --- | --- |
| Nickel | ppm | <1 | 0 | --- | --- |
| Titanium | ppm | 0 | 0 | --- | --- |
| Silver | ppm | 0 | 0 | --- | --- |
| Manganese | ppm | <1 | 1 | --- | --- |
| Vanadium | ppm | 0 | 0 | --- | --- |

ADDITIVES

| | | | | | |
|------------|-----|-------------|------|-----|-----|
| Calcium | ppm | 0 | 4 | --- | --- |
| Magnesium | ppm | 2 | 30 | --- | --- |
| Zinc | ppm | 2 | 6 | --- | --- |
| Phosphorus | ppm | 1305 | 1325 | --- | --- |
| Barium | ppm | 0 | 0 | --- | --- |
| Boron | ppm | 326 | 299 | --- | --- |

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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.

Depot: VP648685
Unique No: 10561611
Signed: Sean Felton
Report Date: 19 Jul 2023

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GRAPHS

