

OIL ANALYSIS REPORT

VOLVO PENTA

DINSMOORE 4364 ZF 20309294 - INBOARD - PORT GEARBOX

Sample No: VPA060809

Oil Type: SAE 30W

SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-----|-----|-----|
| Sample Number | VPA060809 | --- | --- | --- |
| Sample Date | 26 Feb 2024 | --- | --- | --- |
| Machine Hours | 516 | --- | --- | --- |
| Oil Hours | 10 | --- | --- | --- |
| Oil Changed | Not Changd | --- | --- | --- |
| Sample Status | NORMAL | --- | --- | --- |

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OIL CONDITION

| | | | | | |
|-------------|-----|--------|-----|-----|-----|
| Visc @ 40°C | cSt | ■ 77.2 | --- | --- | --- |
|-------------|-----|--------|-----|-----|-----|

CONTAMINATION

| | | | | | |
|-----------|-----|-------|-----|-----|-----|
| Water | % | ■ NEG | --- | --- | --- |
| Silicon | ppm | ■ 6 | --- | --- | --- |
| Sodium | ppm | ■ 5 | --- | --- | --- |
| Potassium | ppm | ■ 0 | --- | --- | --- |

WEAR METALS

| | | | | | |
|------------|-----|------|-----|-----|-----|
| PQ | | ■ 17 | --- | --- | --- |
| Iron | ppm | ■ 11 | --- | --- | --- |
| Copper | ppm | ■ 56 | --- | --- | --- |
| Lead | ppm | ■ 6 | --- | --- | --- |
| Tin | ppm | ■ 1 | --- | --- | --- |
| Aluminum | ppm | ■ 2 | --- | --- | --- |
| Chromium | ppm | ■ <1 | --- | --- | --- |
| Molybdenum | ppm | ■ 82 | --- | --- | --- |
| Nickel | ppm | ■ 0 | --- | --- | --- |
| Titanium | ppm | ■ 0 | --- | --- | --- |
| Silver | ppm | ■ 0 | --- | --- | --- |
| Manganese | ppm | ■ <1 | --- | --- | --- |
| Vanadium | ppm | ■ 0 | --- | --- | --- |

ADDITIVES

| | | | | | |
|------------|-----|--------|-----|-----|-----|
| Calcium | ppm | ■ 2631 | --- | --- | --- |
| Magnesium | ppm | ■ 54 | --- | --- | --- |
| Zinc | ppm | ■ 1239 | --- | --- | --- |
| Phosphorus | ppm | ■ 1074 | --- | --- | --- |
| Barium | ppm | ■ 0 | --- | --- | --- |
| Boron | ppm | ■ 38 | --- | --- | --- |

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.

Depot: VP426065

Unique No: 10903706

Signed: Doug Bogart

Report Date: 01 Mar 2024

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GRAPHS

