

OIL ANALYSIS REPORT

VOLVO PENTA

DARIN FITZGERALD 54082 VOLVO PENTA 3950005025 - IPS

Sample No: VPA047080

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-----|-----|-----|
| Sample Number | VPA047080 | --- | --- | --- |
| Sample Date | 25 Jun 2024 | --- | --- | --- |
| Machine Hours | 394 | --- | --- | --- |
| Oil Hours | 0 | --- | --- | --- |
| Oil Changed | Not Changd | --- | --- | --- |
| Sample Status | ABNORMAL | --- | --- | --- |

OIL CONDITION

| | | | | | |
|-------------|-----|-------|-----|-----|-----|
| Visc @ 40°C | cSt | █ 102 | --- | --- | --- |
|-------------|-----|-------|-----|-----|-----|

CONTAMINATION

| | | | | | |
|-----------|-----|---------|-----|-----|-----|
| Water | % | ▲ 0.742 | --- | --- | --- |
| Silicon | ppm | █ 5 | --- | --- | --- |
| Sodium | ppm | █ 95 | --- | --- | --- |
| Potassium | ppm | █ 8 | --- | --- | --- |

WEAR METALS

| | | | | | |
|------------|-----|-------|-----|-----|-----|
| PQ | | █ 29 | --- | --- | --- |
| Iron | ppm | █ 126 | --- | --- | --- |
| Copper | ppm | █ 16 | --- | --- | --- |
| Lead | ppm | █ 2 | --- | --- | --- |
| Tin | ppm | █ <1 | --- | --- | --- |
| Aluminum | ppm | █ 10 | --- | --- | --- |
| Chromium | ppm | █ 1 | --- | --- | --- |
| Molybdenum | ppm | █ <1 | --- | --- | --- |
| Nickel | ppm | █ 2 | --- | --- | --- |
| Titanium | ppm | █ <1 | --- | --- | --- |
| Silver | ppm | 0 | --- | --- | --- |
| Manganese | ppm | █ 8 | --- | --- | --- |
| Vanadium | ppm | 0 | --- | --- | --- |

ADDITIVES

| | | | | | |
|------------|-----|--------|-----|-----|-----|
| Calcium | ppm | █ 7 | --- | --- | --- |
| Magnesium | ppm | 64 | --- | --- | --- |
| Zinc | ppm | █ 150 | --- | --- | --- |
| Phosphorus | ppm | █ 1426 | --- | --- | --- |
| Barium | ppm | █ <1 | --- | --- | --- |
| Boron | ppm | █ 321 | --- | --- | --- |

Kozwel Boatworks, Inc.

2601 S. Yale St.
SANTA ANA, CA
US 92704

Contact: KELLI W
kelliw@kozwel.com

T:
F:

Diagnosis

We advise that you check for the source of water entry. We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition. All component wear rates are normal. There is a moderate concentration of water present in the oil. The oil is no longer serviceable due to the presence of contaminants.

Depot: VP491768
Unique No: 11100788
Signed: Don Baldrige
Report Date: 29 Jun 2024

Contact/Location: KELLI W - VP491768

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GRAPHS

