

OIL ANALYSIS REPORT

VOLVO PENTA

RICHARD ALLEY ZF ZF 003645 - INBOARD (S/N NOT GIVEN) - PORT GEARBOX

Sample No: VPA044348

Oil Type: NOT GIVEN

SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-----|-----|-----|
| Sample Number | VPA044348 | --- | --- | --- |
| Sample Date | 30 Jun 2023 | --- | --- | --- |
| Machine Hours | 0 | --- | --- | --- |
| Oil Hours | 0 | --- | --- | --- |
| Oil Changed | Not Changd | --- | --- | --- |
| Sample Status | NORMAL | --- | --- | --- |

OIL CONDITION

| | | | | | |
|-------------|-----|--------|-----|-----|-----|
| Visc @ 40°C | cSt | ■ 89.6 | --- | --- | --- |
|-------------|-----|--------|-----|-----|-----|

CONTAMINATION

| | | | | | |
|-----------|-----|-----|-----|-----|-----|
| Silicon | ppm | ■ 8 | --- | --- | --- |
| Sodium | ppm | ■ 3 | --- | --- | --- |
| Potassium | ppm | ■ 0 | --- | --- | --- |

WEAR METALS

| | | | | | |
|------------|-----|-------|-----|-----|-----|
| PQ | | ■ 85 | --- | --- | --- |
| Iron | ppm | ■ 168 | --- | --- | --- |
| Copper | ppm | ■ 14 | --- | --- | --- |
| Lead | ppm | ■ <1 | --- | --- | --- |
| Tin | ppm | ■ 0 | --- | --- | --- |
| Aluminum | ppm | ■ 1 | --- | --- | --- |
| Chromium | ppm | ■ <1 | --- | --- | --- |
| Molybdenum | ppm | ■ 95 | --- | --- | --- |
| Nickel | ppm | ■ 0 | --- | --- | --- |
| Titanium | ppm | ■ 0 | --- | --- | --- |
| Silver | ppm | ■ 0 | --- | --- | --- |
| Manganese | ppm | ■ <1 | --- | --- | --- |
| Vanadium | ppm | ■ 0 | --- | --- | --- |

ADDITIVES

| | | | | | |
|------------|-----|--------|-----|-----|-----|
| Calcium | ppm | ■ 2548 | --- | --- | --- |
| Magnesium | ppm | ■ 67 | --- | --- | --- |
| Zinc | ppm | ■ 1147 | --- | --- | --- |
| Phosphorus | ppm | ■ 1018 | --- | --- | --- |
| Barium | ppm | ■ 0 | --- | --- | --- |
| Boron | ppm | ■ 8 | --- | --- | --- |

MARINE EVOLUTIONS

6831 HILL PARK DR
LORTON, VA
US 22079
Contact: TIM STAPLES
service@marineevolutions.com
T: (702)345-0365
F:

Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. 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: VP446360
Unique No: 10552803
Signed: Sean Felton
Report Date: 14 Jul 2023

OIL ANALYSIS REPORT

VOLVO PENTA

GRAPHS

