

OIL ANALYSIS REPORT

VOLVO PENTA

RICHARD RAMAGLIA TOM ZF 45229N - INBOARD - PORT GEARBOX

Sample No: VPA036590

Oil Type: VOLVO PENTA ATF

SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-----|-----|-----|
| Sample Number | VPA036590 | --- | --- | --- |
| Sample Date | 12 Jan 2024 | --- | --- | --- |
| Machine Hours | 298 | --- | --- | --- |
| Oil Hours | 0 | --- | --- | --- |
| Oil Changed | N/A | --- | --- | --- |
| Sample Status | NORMAL | --- | --- | --- |

ADMIRALTY MARINE

2775 KURTZ ST, STE 12

SAN DIEGO, CA

US 92110

Contact: Terry Albee

TALBEE@ADMIRALTYMARINE.NET

T:

F:

OIL CONDITION

| | | | | | |
|-------------|-----|--------|-----|-----|-----|
| Visc @ 40°C | cSt | ■ 26.9 | --- | --- | --- |
|-------------|-----|--------|-----|-----|-----|

CONTAMINATION

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

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the component. The condition of the oil is acceptable for the time in service.

WEAR METALS

| | | | | | |
|------------|-----|------|-----|-----|-----|
| PQ | | ■ 35 | --- | --- | --- |
| Iron | ppm | ■ 31 | --- | --- | --- |
| Copper | ppm | ■ 52 | --- | --- | --- |
| Lead | ppm | ■ 44 | --- | --- | --- |
| Tin | ppm | ■ 0 | --- | --- | --- |
| Aluminium | ppm | ■ 3 | --- | --- | --- |
| Chromium | ppm | ■ 0 | --- | --- | --- |
| Molybdenum | ppm | ■ 0 | --- | --- | --- |
| Nickel | ppm | ■ 0 | --- | --- | --- |
| Titanium | ppm | ■ 0 | --- | --- | --- |
| Silver | ppm | ■ 0 | --- | --- | --- |
| Manganese | ppm | ■ 1 | --- | --- | --- |
| Vanadium | ppm | ■ 0 | --- | --- | --- |

ADDITIVES

| | | | | | |
|------------|-----|-------|-----|-----|-----|
| Calcium | ppm | ■ 11 | --- | --- | --- |
| Magnesium | ppm | ■ 2 | --- | --- | --- |
| Zinc | ppm | ■ 35 | --- | --- | --- |
| Phosphorus | ppm | ■ 151 | --- | --- | --- |
| Barium | ppm | ■ 63 | --- | --- | --- |
| Boron | ppm | ■ 48 | --- | --- | --- |

Depot: VP151529

Unique No: 10832881

Signed: Don Baldrige

Report Date: 17 Jan 2024

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GRAPHS

