

OIL ANALYSIS REPORT

VOLVO PENTA

BELL ZF 20265861 - INBOARD - STARBOARD GEARBOX

Sample No: VPA058639

Oil Type: {unknown}

SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-----|-----|-----|
| Sample Number | VPA058639 | --- | --- | --- |
| Sample Date | 07 Jun 2024 | --- | --- | --- |
| Machine Hours | 1945 | --- | --- | --- |
| Oil Hours | 0 | --- | --- | --- |
| Oil Changed | N/A | --- | --- | --- |
| Sample Status | NORMAL | --- | --- | --- |

MARINE EVOLUTIONS

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OIL CONDITION

| | | | | | |
|-------------|-----|--------|-----|-----|-----|
| Visc @ 40°C | cSt | ■ 95.6 | --- | --- | --- |
|-------------|-----|--------|-----|-----|-----|

CONTAMINATION

| | | | | | |
|-----------|-----|-----|-----|-----|-----|
| Water | % | NEG | --- | --- | --- |
| Silicon | ppm | ■ 3 | --- | --- | --- |
| Sodium | ppm | ■ 8 | --- | --- | --- |
| Potassium | ppm | ■ 2 | --- | --- | --- |

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.

WEAR METALS

| | | | | | |
|------------|-----|------|-----|-----|-----|
| PQ | | ■ 23 | --- | --- | --- |
| Iron | ppm | ■ 6 | --- | --- | --- |
| Copper | ppm | ■ 37 | --- | --- | --- |
| Lead | ppm | ■ 2 | --- | --- | --- |
| Tin | ppm | ■ <1 | --- | --- | --- |
| Aluminium | ppm | ■ 2 | --- | --- | --- |
| Chromium | ppm | ■ <1 | --- | --- | --- |
| Molybdenum | ppm | 109 | --- | --- | --- |
| Nickel | ppm | ■ 0 | --- | --- | --- |
| Titanium | ppm | <1 | --- | --- | --- |
| Silver | ppm | 0 | --- | --- | --- |
| Manganese | ppm | 0 | --- | --- | --- |
| Vanadium | ppm | 0 | --- | --- | --- |

ADDITIVES

| | | | | | |
|------------|-----|------|-----|-----|-----|
| Calcium | ppm | 2448 | --- | --- | --- |
| Magnesium | ppm | 99 | --- | --- | --- |
| Zinc | ppm | 1114 | --- | --- | --- |
| Phosphorus | ppm | 912 | --- | --- | --- |
| Barium | ppm | 0 | --- | --- | --- |
| Boron | ppm | 4 | --- | --- | --- |

Depot: VP446360
Unique No: 11075548
Signed: Don Baldrige
Report Date: 14 Jun 2024

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GRAPHS

