

OIL ANALYSIS REPORT

VOLVO PENTA

WINDSERVE MARINE GENESIS VOLVO PENTA 10132223426 - PORT IPS

Sample No: VPA036200
Oil Type: VOLVO SYNTHETIC GEAR

SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-----|-----|-----|
| Sample Number | VPA036200 | --- | --- | --- |
| Sample Date | 18 Mar 2024 | --- | --- | --- |
| Machine Hours | 2050 | --- | --- | --- |
| Oil Hours | 407 | --- | --- | --- |
| Oil Changed | Not Changd | --- | --- | --- |
| Sample Status | NORMAL | --- | --- | --- |

STEWART AND STEVENSON (ADDA)
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T:
F:

OIL CONDITION

| | | | | | |
|-------------|-----|-------|-----|-----|-----|
| Visc @ 40°C | cSt | ■ 103 | --- | --- | --- |
|-------------|-----|-------|-----|-----|-----|

CONTAMINATION

| | | | | | |
|-----------|-----|------|-----|-----|-----|
| Water | % | NEG | --- | --- | --- |
| Silicon | ppm | <1 | --- | --- | --- |
| Sodium | ppm | ■ <1 | --- | --- | --- |
| Potassium | ppm | ■ 0 | --- | --- | --- |

Diagnosis

Resample at the next service interval to monitor. (comparison for failed gear).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 | | ■ 13 | --- | --- | --- |
| Iron | ppm | ■ 18 | --- | --- | --- |
| Copper | ppm | 2 | --- | --- | --- |
| Lead | ppm | 0 | --- | --- | --- |
| Tin | ppm | 0 | --- | --- | --- |
| Aluminum | ppm | <1 | --- | --- | --- |
| Chromium | ppm | ■ 0 | --- | --- | --- |
| Molybdenum | ppm | 0 | --- | --- | --- |
| Nickel | ppm | ■ 0 | --- | --- | --- |
| Titanium | ppm | 0 | --- | --- | --- |
| Silver | ppm | 0 | --- | --- | --- |
| Manganese | ppm | <1 | --- | --- | --- |
| Vanadium | ppm | 0 | --- | --- | --- |

ADDITIVES

| | | | | | |
|------------|-----|------|-----|-----|-----|
| Calcium | ppm | 0 | --- | --- | --- |
| Magnesium | ppm | 13 | --- | --- | --- |
| Zinc | ppm | 0 | --- | --- | --- |
| Phosphorus | ppm | 1256 | --- | --- | --- |
| Barium | ppm | 0 | --- | --- | --- |
| Boron | ppm | 295 | --- | --- | --- |

Depot: VP166699
Unique No: 10950543
Signed: Don Baldridge
Report Date: 01 Apr 2024

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GRAPHS

