

OIL ANALYSIS REPORT

VOLVO PENTA

DEREK PLAKYDA D.P. VOLVO PENTA 3200001785 - IPS

Sample No: VPA051170

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-----|-----|-----|
| Sample Number | VPA051170 | --- | --- | --- |
| Sample Date | 20 Dec 2023 | --- | --- | --- |
| Machine Hours | 200 | --- | --- | --- |
| Oil Hours | 200 | --- | --- | --- |
| Oil Changed | Not Changd | --- | --- | --- |
| Sample Status | NORMAL | --- | --- | --- |

Causeway Marine

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OIL CONDITION

| | | | | | |
|-------------|-----|--------|-----|-----|-----|
| Visc @ 40°C | cSt | ■ 99.7 | --- | --- | --- |
|-------------|-----|--------|-----|-----|-----|

CONTAMINATION

| | | | | | |
|-----------|-----|-----|-----|-----|-----|
| Water | % | NEG | --- | --- | --- |
| Silicon | ppm | 1 | --- | --- | --- |
| Sodium | ppm | ■ 0 | --- | --- | --- |
| Potassium | ppm | ■ 4 | --- | --- | --- |

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 | | ■ 17 | --- | --- | --- |
| Iron | ppm | ■ 29 | --- | --- | --- |
| Copper | ppm | ■ 20 | --- | --- | --- |
| Lead | ppm | <1 | --- | --- | --- |
| Tin | ppm | <1 | --- | --- | --- |
| Aluminium | ppm | 2 | --- | --- | --- |
| Chromium | ppm | ■ <1 | --- | --- | --- |
| Molybdenum | ppm | ■ 1 | --- | --- | --- |
| Nickel | ppm | ■ 1 | --- | --- | --- |
| Titanium | ppm | <1 | --- | --- | --- |
| Silver | ppm | 0 | --- | --- | --- |
| Manganese | ppm | ■ 2 | --- | --- | --- |
| Vanadium | ppm | 0 | --- | --- | --- |

ADDITIVES

| | | | | | |
|------------|-----|--------|-----|-----|-----|
| Calcium | ppm | ■ 26 | --- | --- | --- |
| Magnesium | ppm | 146 | --- | --- | --- |
| Zinc | ppm | ■ 13 | --- | --- | --- |
| Phosphorus | ppm | ■ 1343 | --- | --- | --- |
| Barium | ppm | ■ 8 | --- | --- | --- |
| Boron | ppm | ■ 356 | --- | --- | --- |

Depot: VP152054
Unique No: 10820266
Signed: Jonathan Hester
Report Date: 10 Jan 2024

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GRAPHS

