

OIL ANALYSIS REPORT

VOLVO PENTA

BERLES 585700 VOLVO PENTA 3200005926 - STARBOARD IPS

Sample No: VPA039400

Oil Type: VOLVO PENTA GL-5 SAE 75W90

SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-----|-----|-----|
| Sample Number | VPA039400 | --- | --- | --- |
| Sample Date | 01 Feb 2024 | --- | --- | --- |
| Machine Hours | 109 | --- | --- | --- |
| Oil Hours | 109 | --- | --- | --- |
| Oil Changed | Changed | --- | --- | --- |
| Sample Status | NORMAL | --- | --- | --- |

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F:

OIL CONDITION

Visc @ 40°C cSt ■ 96.8 --- --- ---

CONTAMINATION

| | | | | | |
|-----------|-----|--|-----|-----|-----|
| Water | % | NEG | --- | --- | --- |
| Silicon | ppm | 6 | --- | --- | --- |
| Sodium | ppm | ■ 3 | --- | --- | --- |
| Potassium | ppm | ■ 6 | --- | --- | --- |

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 | | ■ 24 | --- | --- | --- |
| Iron | ppm | ■ 36 | --- | --- | --- |
| Copper | ppm | ■ 14 | --- | --- | --- |
| Lead | ppm | <1 | --- | --- | --- |
| Tin | ppm | <1 | --- | --- | --- |
| Aluminum | ppm | 2 | --- | --- | --- |
| Chromium | ppm | ■ <1 | --- | --- | --- |
| Molybdenum | ppm | ■ <1 | --- | --- | --- |
| Nickel | ppm | ■ 1 | --- | --- | --- |
| Titanium | ppm | <1 | --- | --- | --- |
| Silver | ppm | 0 | --- | --- | --- |
| Manganese | ppm | ■ 4 | --- | --- | --- |
| Vanadium | ppm | <1 | --- | --- | --- |

ADDITIVES

| | | | | | |
|------------|-----|---|-----|-----|-----|
| Calcium | ppm | ■ 26 | --- | --- | --- |
| Magnesium | ppm | ■ 943 | --- | --- | --- |
| Zinc | ppm | ■ 0 | --- | --- | --- |
| Phosphorus | ppm | ■ 1670 | --- | --- | --- |
| Barium | ppm | ■ 0 | --- | --- | --- |
| Boron | ppm | ■ 552 | --- | --- | --- |

Depot: VP648685
Unique No: 10862302
Signed: Don Baldrige
Report Date: 07 Feb 2024

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GRAPHS

