

OIL ANALYSIS REPORT

VOLVO PENTA

BLACKSTONE VOLVO PENTA BLACKSTONE - OUTDRIVE (S/N NOT GIVEN) - PORT GEARBOX

Sample No: VPA056609

Oil Type: NOT GIVEN

SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-----|-----|-----|
| Sample Number | VPA056609 | --- | --- | --- |
| Sample Date | 13 Nov 2023 | --- | --- | --- |
| Machine Hours | 0 | --- | --- | --- |
| Oil Hours | 0 | --- | --- | --- |
| Oil Changed | N/A | --- | --- | --- |
| Sample Status | ABNORMAL | --- | --- | --- |

MAKO MARINE

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OIL CONDITION

| | | | | | |
|-------------|-----|-------|-----|-----|-----|
| Visc @ 40°C | cSt | ■ 123 | --- | --- | --- |
|-------------|-----|-------|-----|-----|-----|

CONTAMINATION

| | | | | | |
|-----------|-----|---------|-----|-----|-----|
| Water | % | ▲ 0.264 | --- | --- | --- |
| Silicon | ppm | ■ 6 | --- | --- | --- |
| Sodium | ppm | ■ 15 | --- | --- | --- |
| Potassium | ppm | ■ 3 | --- | --- | --- |

WEAR METALS

| | | | | | |
|------------|-----|-------|-----|-----|-----|
| PQ | | ■ 13 | --- | --- | --- |
| Iron | ppm | ▲ 190 | --- | --- | --- |
| Copper | ppm | ■ 2 | --- | --- | --- |
| Lead | ppm | ■ <1 | --- | --- | --- |
| Tin | ppm | ■ 0 | --- | --- | --- |
| Aluminum | ppm | ■ 5 | --- | --- | --- |
| Chromium | ppm | ■ 3 | --- | --- | --- |
| Molybdenum | ppm | <1 | --- | --- | --- |
| Nickel | ppm | ■ 4 | --- | --- | --- |
| Titanium | ppm | <1 | --- | --- | --- |
| Silver | ppm | <1 | --- | --- | --- |
| Manganese | ppm | 5 | --- | --- | --- |
| Vanadium | ppm | <1 | --- | --- | --- |

ADDITIVES

| | | | | | |
|------------|-----|-----|-----|-----|-----|
| Calcium | ppm | 15 | --- | --- | --- |
| Magnesium | ppm | 4 | --- | --- | --- |
| Zinc | ppm | 15 | --- | --- | --- |
| Phosphorus | ppm | 407 | --- | --- | --- |
| Barium | ppm | 0 | --- | --- | --- |
| Boron | ppm | 35 | --- | --- | --- |

Diagnosis

We advise that you check for the source of water entry. We recommend that you drain the oil from the component if this has not already been done. Resample at the next service interval to monitor. Gear wear is indicated. There is a light concentration of water present in the oil. The oil is no longer serviceable due to the presence of contaminants.

Depot: VP1134331

Unique No: 10741651

Signed: Doug Bogart

Report Date: 15 Nov 2023

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GRAPHS

