

OIL ANALYSIS REPORT

VOLVO PENTA

JAMES MCHUGH 80 VOLVO PENTA JAMES MCHUGH (S/N NOT GIVEN) - STARBOARD IPS

Sample No: VPA056244

Oil Type: VOLVO

SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-----|-----|-----|
| Sample Number | VPA056244 | --- | --- | --- |
| Sample Date | 06 Jul 2023 | --- | --- | --- |
| Machine Hours | 290 | --- | --- | --- |
| Oil Hours | 50 | --- | --- | --- |
| Oil Changed | Not Changd | --- | --- | --- |
| Sample Status | NORMAL | --- | --- | --- |

OIL CONDITION

| | | | | | |
|-------------|-----|-------|-----|-----|-----|
| Visc @ 40°C | cSt | ■ 101 | --- | --- | --- |
|-------------|-----|-------|-----|-----|-----|

CONTAMINATION

| | | | | | |
|-----------|-----|------|-----|-----|-----|
| Silicon | ppm | ■ 7 | --- | --- | --- |
| Sodium | ppm | ■ 0 | --- | --- | --- |
| Potassium | ppm | ■ <1 | --- | --- | --- |

WEAR METALS

| | | | | | |
|------------|-----|------|-----|-----|-----|
| PQ | | ■ 12 | --- | --- | --- |
| Iron | ppm | ■ 16 | --- | --- | --- |
| Copper | ppm | ■ 2 | --- | --- | --- |
| Lead | ppm | ■ 0 | --- | --- | --- |
| Tin | ppm | ■ 0 | --- | --- | --- |
| Aluminum | ppm | ■ 1 | --- | --- | --- |
| Chromium | ppm | ■ 0 | --- | --- | --- |
| Molybdenum | ppm | ■ 2 | --- | --- | --- |
| Nickel | ppm | ■ 0 | --- | --- | --- |
| Titanium | ppm | ■ 0 | --- | --- | --- |
| Silver | ppm | ■ 0 | --- | --- | --- |
| Manganese | ppm | ■ <1 | --- | --- | --- |
| Vanadium | ppm | ■ 0 | --- | --- | --- |

ADDITIVES

| | | | | | |
|------------|-----|-------|-----|-----|-----|
| Calcium | ppm | ■ 42 | --- | --- | --- |
| Magnesium | ppm | ■ 37 | --- | --- | --- |
| Zinc | ppm | ■ 61 | --- | --- | --- |
| Phosphorus | ppm | ■ 633 | --- | --- | --- |
| Barium | ppm | ■ 0 | --- | --- | --- |
| Boron | ppm | ■ 103 | --- | --- | --- |

Skipper Bud's

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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.

Depot: VP211714
Unique No: 10553534
Signed: Don Baldrige
Report Date: 17 Jul 2023

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GRAPHS

