

OIL ANALYSIS REPORT

VOLVO PENTA

JOSE SOLER 532705 VOLVO PENTA 3200003703 - PORT IPS

Sample No: VPA056819

Oil Type: VOLVO

SAMPLE INFORMATION

| | | | | |
|---------------|--------------------|-------------|-----|-----|
| Sample Number | VPA056819 | VPA046639 | --- | --- |
| Sample Date | 03 Jul 2023 | 13 Sep 2022 | --- | --- |
| Machine Hours | 159 | 39 | --- | --- |
| Oil Hours | 159 | 39 | --- | --- |
| Oil Changed | Not Changd | Not Changd | --- | --- |
| Sample Status | NORMAL | NORMAL | --- | --- |

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OIL CONDITION

| | | | | | |
|-------------|-----|-------------|-----|-----|-----|
| Visc @ 40°C | cSt | 92.9 | 101 | --- | --- |
|-------------|-----|-------------|-----|-----|-----|

CONTAMINATION

| | | | | | |
|-----------|-----|-----------|---|-----|-----|
| Silicon | ppm | 6 | 5 | --- | --- |
| Sodium | ppm | 12 | 2 | --- | --- |
| Potassium | ppm | 12 | 6 | --- | --- |

WEAR METALS

| | | | | | |
|------------|-----|--------------|----|-----|-----|
| PQ | | 32 | 14 | --- | --- |
| Iron | ppm | 104 | 23 | --- | --- |
| Copper | ppm | 39 | 9 | --- | --- |
| Lead | ppm | 0 | 0 | --- | --- |
| Tin | ppm | 0 | 0 | --- | --- |
| Aluminum | ppm | 7 | 2 | --- | --- |
| Chromium | ppm | <1 | <1 | --- | --- |
| Molybdenum | ppm | 1 | 0 | --- | --- |
| Nickel | ppm | 3 | 0 | --- | --- |
| Titanium | ppm | 0 | 0 | --- | --- |
| Silver | ppm | <1 | 0 | --- | --- |
| Manganese | ppm | 7 | 4 | --- | --- |
| Vanadium | ppm | 0 | 0 | --- | --- |

ADDITIVES

| | | | | | |
|------------|-----|-------------|------|-----|-----|
| Calcium | ppm | 66 | 44 | --- | --- |
| Magnesium | ppm | 838 | 858 | --- | --- |
| Zinc | ppm | 19 | 9 | --- | --- |
| Phosphorus | ppm | 1625 | 1515 | --- | --- |
| Barium | ppm | 0 | 1 | --- | --- |
| Boron | ppm | 371 | 743 | --- | --- |

Diagnosis

Resample at the next service interval to monitor. Metal levels are typical for a new component breaking in. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: VP426065
Unique No: 10550482
Signed: Don Baldrige
Report Date: 12 Jul 2023

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GRAPHS

