

OIL ANALYSIS REPORT

VOLVO PENTA

MARINE MAX TAP508286 VOLVO PENTA 51230109437 - INBOARD - STARBOARD GEARBOX

Sample No: VPA045708

Oil Type: CHEVRON AUTOMATIC TRANS FLUID MD-3

SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-----|-----|-----|
| Sample Number | VPA045708 | --- | --- | --- |
| Sample Date | 09 Aug 2023 | --- | --- | --- |
| Machine Hours | 5 | --- | --- | --- |
| Oil Hours | 5 | --- | --- | --- |
| Oil Changed | Changed | --- | --- | --- |
| Sample Status | NORMAL | --- | --- | --- |

FDDA TAMPA

TAMPA, FL
US
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OIL CONDITION

| | | | | | |
|-------------|-----|--------|-----|-----|-----|
| Visc @ 40°C | cSt | ■ 34.2 | --- | --- | --- |
|-------------|-----|--------|-----|-----|-----|

CONTAMINATION

| | | | | | |
|-----------|-----|-----|-----|-----|-----|
| Silicon | ppm | ■ 9 | --- | --- | --- |
| Sodium | ppm | ■ 2 | --- | --- | --- |
| Potassium | ppm | ■ 2 | --- | --- | --- |

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 | | ■ 26 | --- | --- | --- |
| Iron | ppm | ■ 25 | --- | --- | --- |
| Copper | ppm | ■ 27 | --- | --- | --- |
| Lead | ppm | ■ 1 | --- | --- | --- |
| Tin | ppm | ■ <1 | --- | --- | --- |
| Aluminum | ppm | ■ 2 | --- | --- | --- |
| Chromium | ppm | ■ 0 | --- | --- | --- |
| Molybdenum | ppm | ■ <1 | --- | --- | --- |
| Nickel | ppm | ■ 0 | --- | --- | --- |
| Titanium | ppm | ■ 0 | --- | --- | --- |
| Silver | ppm | ■ 0 | --- | --- | --- |
| Manganese | ppm | ■ <1 | --- | --- | --- |
| Vanadium | ppm | ■ <1 | --- | --- | --- |

ADDITIVES

| | | | | | |
|------------|-----|-------|-----|-----|-----|
| Calcium | ppm | ■ 101 | --- | --- | --- |
| Magnesium | ppm | ■ 17 | --- | --- | --- |
| Zinc | ppm | ■ 11 | --- | --- | --- |
| Phosphorus | ppm | ■ 244 | --- | --- | --- |
| Barium | ppm | ■ 0 | --- | --- | --- |
| Boron | ppm | ■ 115 | --- | --- | --- |

Depot: VP208641
Unique No: 10606310
Signed: Don Baldrige
Report Date: 17 Aug 2023

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GRAPHS

