## **OIL ANALYSIS REPORT**

### MARINE MAX PGRNAMENT PAYOUT 14194 VOLVO PENTA N/L 844 (S/N N/A) - GENSET

Sample No: VPA042379

Oil Type: NOT GIVEN

#### SAMPLE INFORMATION

| Sample Number    |          | VPA042379   | <br> |  |
|------------------|----------|-------------|------|--|
| Sample Date      |          | 06 Jul 2023 | <br> |  |
| Machine Hours    |          | 14425       | <br> |  |
| Oil Hours        |          | 197         | <br> |  |
| Oil Changed      |          | N/A         | <br> |  |
| Sample Status    |          | NORMAL      | <br> |  |
| OIL CONDITION    |          |             |      |  |
|                  |          |             |      |  |
| Visc @ 100°C     | cSt      | <b>13.8</b> | <br> |  |
| Base Number (BN) | mg KOH/g | 9.7         | <br> |  |
| Oxidation (PA)   | %        | 67          | <br> |  |
| CONTAMINATION    |          |             |      |  |
| Soot %           | %        | 0.1         | <br> |  |
| Nitration (PA)   | %        | 63          | <br> |  |
| Sulfation (PA)   | %        | 55          | <br> |  |
| Glycol           | %        | NEG         | <br> |  |
| Fuel             | %        | <1.0        | <br> |  |
| Silicon          | ppm      | 9           | <br> |  |
| Sodium           | ppm      | 3           | <br> |  |
| Potassium        | ppm      | ∎1          | <br> |  |
|                  |          |             |      |  |

## WEAR METALS

| Iron       | ppm | 3            | <br> |  |
|------------|-----|--------------|------|--|
| Copper     | ppm |              | <br> |  |
| Lead       | ppm | 0            | <br> |  |
| Tin        | ppm | 0            | <br> |  |
| Aluminum   | ppm | 0            | <br> |  |
| Chromium   | ppm | <b>  </b> <1 | <br> |  |
| Molybdenum | ppm | 46           | <br> |  |
| Nickel     | ppm | 0            | <br> |  |
| Titanium   | ppm | 0            | <br> |  |
| Silver     | ppm | 0            | <br> |  |
| Manganese  | ppm | <1           | <br> |  |
| Vanadium   | ppm | <1           | <br> |  |

#### ADDITIVES

| Calcium    | ppm | 1250 | <br> |  |
|------------|-----|------|------|--|
| Magnesium  | ppm | 846  | <br> |  |
| Zinc       | ppm | 891  | <br> |  |
| Phosphorus | ppm | 712  | <br> |  |
| Barium     | ppm | 0    | <br> |  |
| Boron      | ppm | 40   | <br> |  |

#### PARTS & POWER

PO BOX 1305498, PMB1000-00 ST THOMAS, VI US 00803 Contact: KARIM PERSAUD info@partsandpower.com T: (284)494-2830 F:

### Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.All component wear rates are normal. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is acceptable for the time in service.

 Depot:
 VP981217

 Unique No:
 10585768

 Signed:
 Sean Felton

 Report Date:
 03 Aug 2023



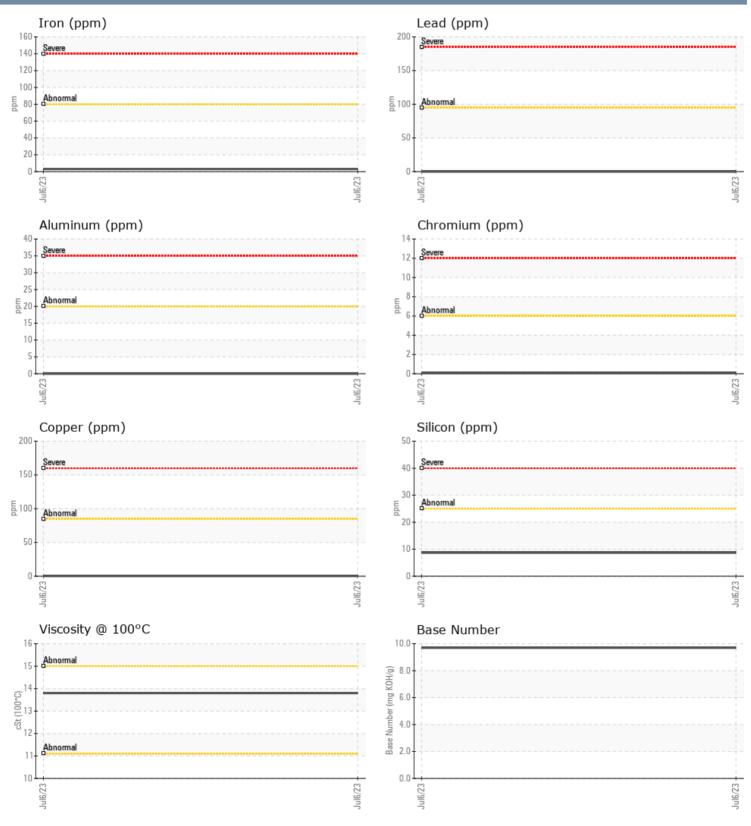
Contact/Location: KARIM PERSAUD - VP981217



# **OIL ANALYSIS REPORT**



#### GRAPHS



Report Id: VP981217 [WUSCAR] 05913854 (Generated: 08/03/2023 16:03:19) Rev: 1

Contact/Location: KARIM PERSAUD - VP981217