## VOLVO PENTA

## **OIL ANALYSIS REPORT**

## ZF 97-11443 - INBOARD - GEARBOX

| Sample No: | VPA048640 |
|------------|-----------|
| Oil Type:  | SAE 30W   |

#### SAMPLE INFORMATION VPA048640 Sample Number 11 Aug 2023 Sample Date Machine Hours 2398 0 **Oil Hours** Oil Changed N/A SEVERE Sample Status **OIL CONDITION** Visc @ 40°C cSt 71.7 CONTAMINATION Silicon ppm 10 Sodium ppm 5 Potassium 0 ppm WEAR METALS PO 15 Iron 23 ppm 282 Copper ppm Lead ppm 265 Tin 1 ppm **||** <1 Aluminum ppm Chromium ppm 0 🔲 Molybdenum 76 ppm Nickel 0 ppm 0 Titanium ppm Silver 0 ppm Manganese ■ <1 ppm Vanadium 0 ppm **ADDITIVES** Calcium 2115 ppm Magnesium 88 ppm Zinc ppm 800 Phosphorus ppm 732 Barium 0 🔲 ppm

#### SUNCOAST DIESEL MARINE

6341 PORTER ROAD, SUITE 6 SARASOTA, FL US 34240 Contact: JOSHUA joshua@suncoastdmi.com T: (941)342-0033 F: (941)342-0088

### Diagnosis

We recommend that you drain the oil from the component if this has not already been done. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition. Please note that this is a corrected copy for oil type.Clutch wear is indicated. There is no indication of any contamination in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

 Depot:
 VP705283

 Unique No:
 10604463

 Signed:
 Angela Borella

 Report Date:
 16 Aug 2023

100

ppm

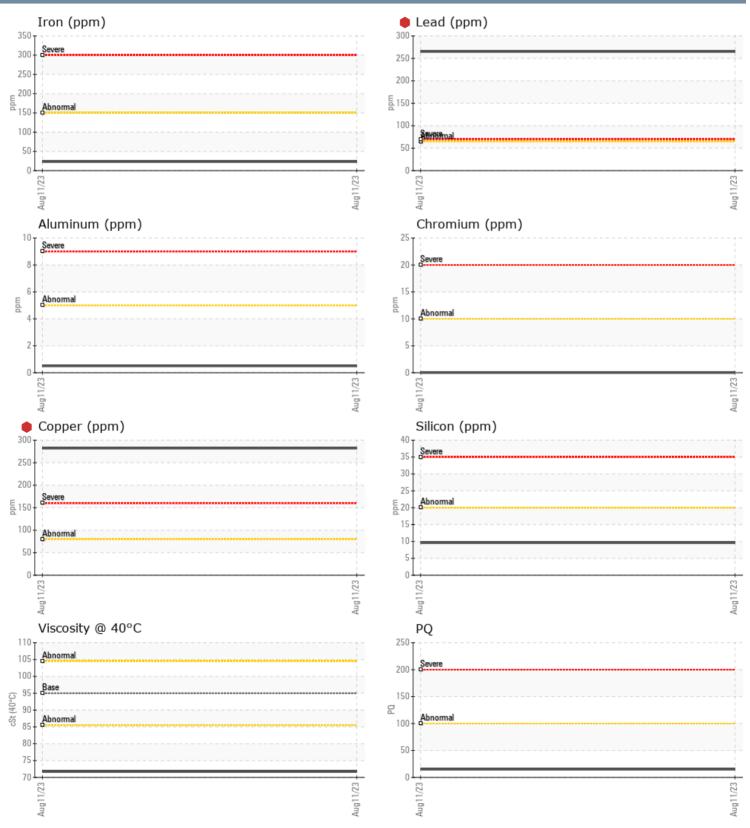
Boron

Contact/Location: JOSHUA ? - VP705283

# **OIL ANALYSIS REPORT**



### GRAPHS



Report Id: VP705283 [WUSCAR] 05924516 (Generated: 08/16/2023 17:12:11) Rev: 2

Contact/Location: JOSHUA ? - VP705283