## **OIL ANALYSIS REPORT**

### VOLVO PENTA 7011402509 - PORT DIESEL ENGINE

Sample No: VPA059998

Oil Type: DIESEL ENGINE OIL SAE 15W40

#### SAMPLE INFORMATION Sample Number VPA059998 VPA055930 Sample Date 23 Jan 2024 16 May 2023 Machine Hours 226 213 0 0 **Oil Hours** N/A Oil Changed N/A NORMAL NORMAL Sample Status **OIL CONDITION** Visc @ 100°C cSt 12.7 12.55 Base Number (BN) mg KOH/g 9.8 9.9 Oxidation (PA) % 54 53 CONTAMINATION % NFG Water NEG % Soot % 0.3 0.2 Nitration (PA) % 46 48 Sulfation (PA) % 51 51 Glycol % NEG NEG Fuel % <1.0 <1.0 Silicon 5 5 ppm Sodium 1 1 ppm Potassium 0 0 ppm WEAR METALS Iron 8 7 ppm 15 15 Copper ppm Lead 0 ppm **||** < 1 Tin ■ <1 | <1 ppm Aluminum 2 ppm 2 Chromium <1 0 ppm 55 60 Molybdenum ppm Nickel 0 🔲 0 ppm Titanium ppm 0 🔲 0 Silver 0 0 ppm Manganese <1 0 ppm Vanadium 0 ppm 0 **ADDITIVES** 1124 Calcium 983 ppm Magnesium 916 942 ppm Zinc ppm 1188 1228 Phosphorus ppm 1014 1015 Barium ■<1 0 ppm Boron ppm ■ <1 1

service interval to monitor.All component wear rates are normal.

No corrective action is recommended

at this time. Resample at the next

There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Report Date: 25 Jan 2024 Contact/Location: SERVICE MANAGER - VP705283

VP705283

10847557

Doug Bogart

Depot:

Signed:

Unique No:



SUNCOAST DIESEL MARINE

6341 PORTER ROAD, SUITE 6

Contact: SERVICE MANAGER

info@suncoastdmi.com T: (941)342-0033

SARASOTA, FL

Diagnosis

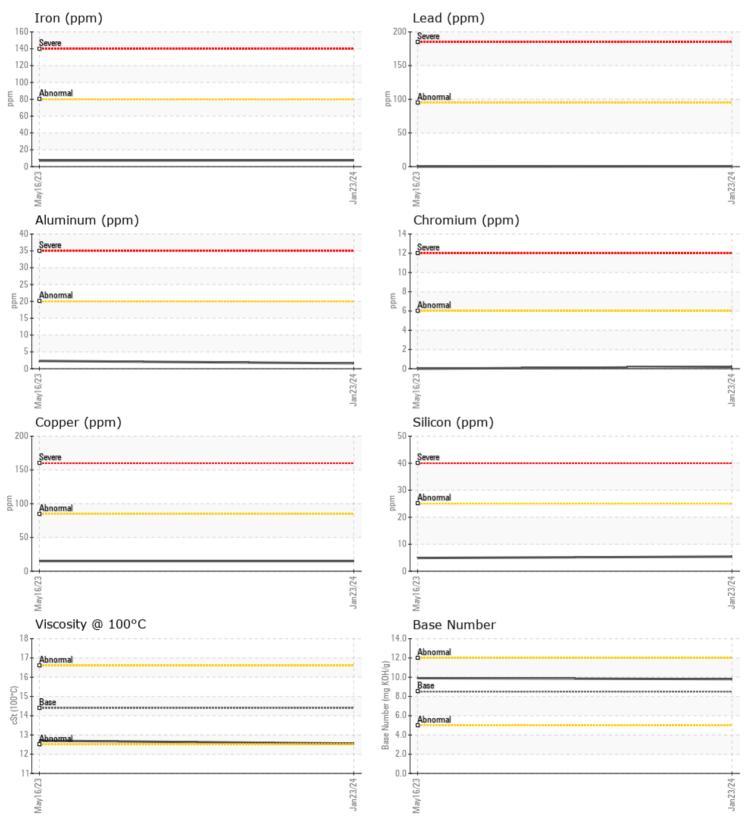
US 34240

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# **OIL ANALYSIS REPORT**



### GRAPHS



Report Id: VP705283 [WUSCAR] 06070880 (Generated: 01/25/2024 16:36:00) Rev: 1

Contact/Location: SERVICE MANAGER - VP705283