OIL ANALYSIS REPORT

SEA CAT III VOLVO PENTA 2006040153 - PORT DIESEL ENGINE

Sample No: VPA021846

Oil Type: VOLVO PENTA SAE 15W40

SAMPLE INFORMATION VPA021846 Sample Number MARINE DIESEL SERVICES INC 19 Feb 2024 Sample Date Machine Hours 1289 **Oil Hours** 0 Oil Changed Not Changd NORMAL Sample Status **OIL CONDITION** 13.3 Visc @ 100°C cSt Base Number (BN) mg KOH/g 9.4 Oxidation (PA) % 57 CONTAMINATION Water % NEG % Soot % 0.1 Nitration (PA) % 51 Sulfation (PA) % 52 Glycol % NEG Fuel % <1.0 Silicon 14 ppm Sodium 0 🔲 ppm Potassium 0 🔲 ppm WEAR METALS Iron 8 ppm 5 Copper ppm Lead ppm 0 Tin ppm ■ <1 Aluminum ppm 6 Chromium <1 ppm 56 Molybdenum ppm Nickel ■ <1</p> ppm Titanium ppm 0 🔲 Silver 0 ppm Manganese **||** < 1 ppm Vanadium ppm 0 **ADDITIVES** Calcium 937 ppm 915 Magnesium ppm Zinc ppm 1201 Phosphorus ppm 1032 Barium 0 🔲 ppm Boron ppm 2



Depot: VP288530 Unique No: 10887537 Signed: Doug Bogart **Report Date:** 20 Feb 2024

Contact/Location: BEN ALMAZAN - VP288530



1711 WHITTIER AVE, SUITE B COSTA MESA, CA US 92627

Contact: BEN ALMAZAN marinedieselservices@outlook.com:BEN@MARINEDIESELSERVICE.COM T: (949)612-8180 F: x:

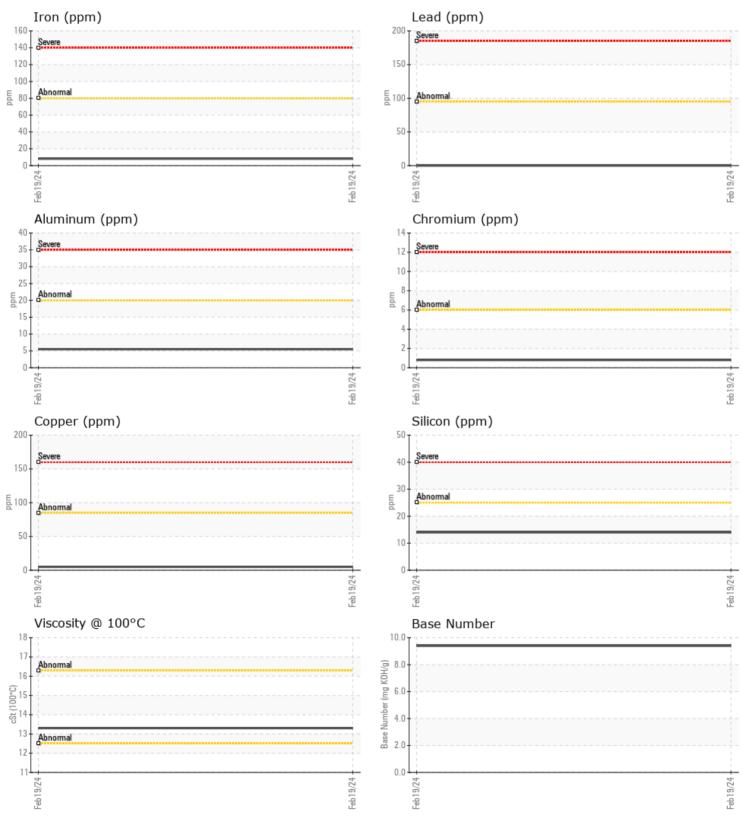
Diagnosis

No corrective action is recommended at this time. 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 BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is acceptable for the time in service.

OIL ANALYSIS REPORT



GRAPHS



Report Id: VP288530 [WUSCAR] 06094684 (Generated: 02/20/2024 16:35:59) Rev: 1

Contact/Location: BEN ALMAZAN - VP288530