OIL ANALYSIS REPORT

VOLVO PENTA

DAVID KIDDER NEVER VOLVO PENTA 3940026786 - STARBOARD IPS

Sample No: VPA036166

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION Sample Number VPA036166 VPA028572 Sample Date 19 Mar 2024 15 Feb 2021 Machine Hours 0 438 0 0 **Oil Hours** US 92627 Oil Changed Not Changd N/A NORMAL Sample Status NORMAL **OIL CONDITION** F: x: Visc @ 40°C 108 cSt 107 CONTAMINATION % Water NEG NEG Silicon ppm 21 8 Sodium 1 2 ppm 16 Potassium ppm 1 WEAR METALS PO 20 22 39 22 Iron ppm Copper 5 2 ppm Lead <1 <1 ppm 0 Tin <1 ppm 2 Aluminum ppm <1 Chromium ■<1 <1 ppm Molybdenum **||** < 1 <1 ppm **||** <1 < 1 Nickel ppm Titanium 0 ppm <1 Silver 0 <1 ppm 4 Manganese ppm **1** Vanadium <1 0 ppm **ADDITIVES** 10 Calcium 20 ppm 33 Magnesium ppm 6 Zinc ppm 14 6 Phosphorus ppm 1177 1213 Barium 0 ppm 0 Boron ppm 293 276

MARINE DIESEL SERVICES INC

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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.

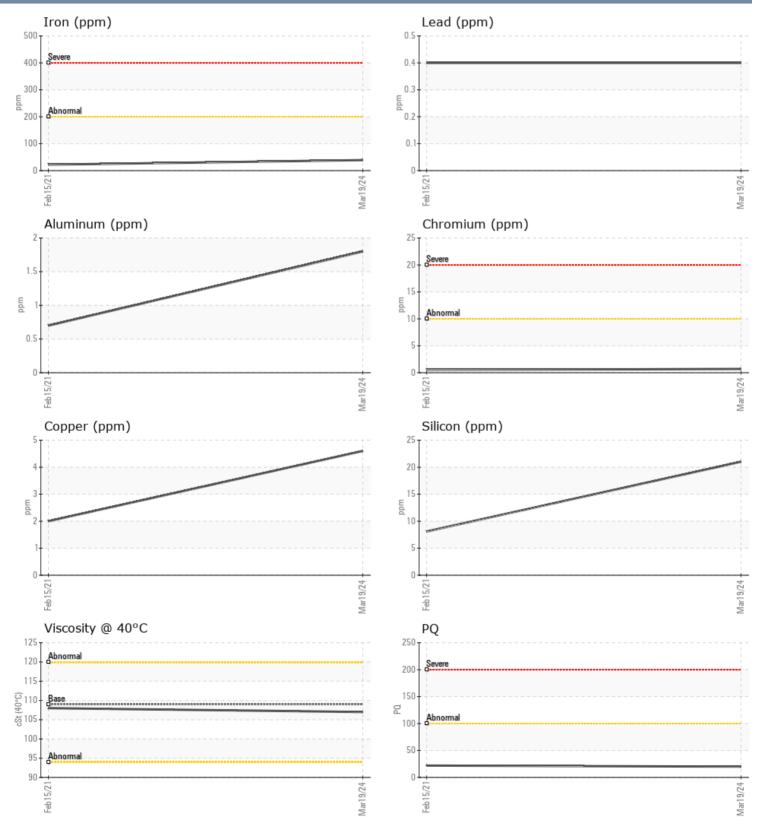
Depot:	VP288530
Unique No:	10938133
Signed:	Don Baldridge
Report Date:	22 Mar 2024

Contact/Location: BEN ALMAZAN - VP288530

OIL ANALYSIS REPORT



GRAPHS



Report Id: VP288530 [WUSCAR] 06123982 (Generated: 03/22/2024 21:41:03) Rev: 1

Contact/Location: BEN ALMAZAN - VP288530