## **OIL ANALYSIS REPORT**

## BRAD HYNES MATTHEW DOW VOLVO PENTA 3194005807 - STARBOARD IPS

Sample No: VPA049914

**Oil Type:** GEAR OIL SAE 75W90

## SAMPLE INFORMATION Sample Number VPA049914 VPA047886 **Mobile Marine Services Inc** 15 Feb 2024 Sample Date 07 Apr 2023 Machine Hours 1714 1650 **Oil Hours** 64 76 US 49727 Oil Changed Changed Changed NORMAL Sample Status NORMAL T: Phone **OIL CONDITION** F: Visc @ 40°C cSt 102 108 Diagnosis CONTAMINATION % NEG Water NEG Silicon ppm 5 8 Sodium 0 🔲 0 ppm Potassium ppm 0 1 WEAR METALS PO 19 21 84 121 Iron ppm Copper 2 4 ppm Lead 0 0 ppm 0 0 Tin ppm 0 Aluminum ppm 0 Chromium 0 ppm 1 Molybdenum 0 <1 ppm 0 🔲 0 Nickel ppm Titanium 0 0 ppm Silver 0 0 ppm 1 Manganese 0 ppm Vanadium 0 0 ppm **ADDITIVES** 4 Calcium ppm 3 Magnesium ppm 1 4 Zinc ppm 4 6 Phosphorus ppm 1255 1308 Barium 0 ppm 0 Boron ppm 303 355



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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.

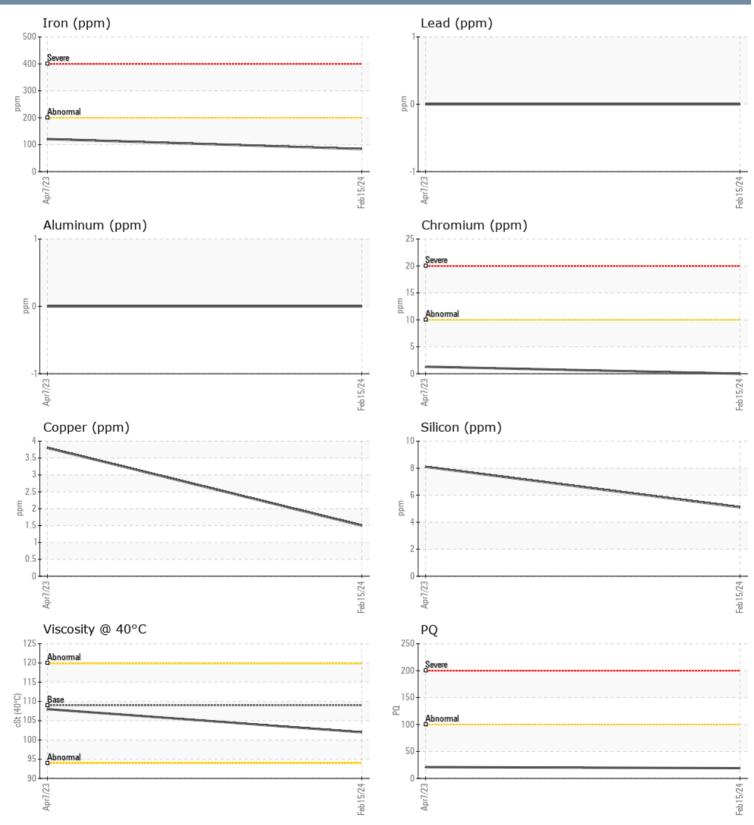
Depot: VP443016 Unique No: 10929995 Signed: Don Baldridge **Report Date:** 20 Mar 2024

Contact/Location: Duane Kujat - VP443016

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Report Id: VP443016 [WUSCAR] 06121162 (Generated: 03/21/2024 16:30:07) Rev: 1

Contact/Location: Duane Kujat - VP443016