OIL ANALYSIS REPORT

DAVID JOHNSON WESTERBEKE 50831 - INBOARD - CENTER GEARBOX

Sample No: VPA056804

Oil Type: DIESEL ENGINE OIL SAE 15W40

SAMPLE INFORMATION Sample Number VPA056804 17 Jul 2023 Sample Date Machine Hours 1773 **Oil Hours** 70 Oil Changed Not Changd NORMAL Sample Status **OIL CONDITION** F: Visc @ 100°C cSt 14.0 CONTAMINATION Silicon ppm 13 Sodium ppm 20 Potassium 13 ppm WEAR METALS Iron ppm 46 3 Copper ppm Lead ppm <1 Tin ppm ■ <1 Aluminum ppm 19 Chromium 5 ppm Molybdenum ppm 4 Nickel ■ <1 ppm Titanium ■ <1 ppm Silver ppm 0 Manganese **||** <1 ppm Vanadium <1 ppm **ADDITIVES** Calcium ppm 2240 59 Magnesium ppm Zinc ppm 1216 Phosphorus ppm 982 Barium ppm 0 Boron ppm 198

FLORIDA DETROIT DIESEL - 531006 - 1125774

1128 CHESTNUT AVE PANAMA CITY, FL US 32401 Contact: RICHARD ROBERTS ri.roberts@ssss.com T: (850)763-7656

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 BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

Depot: VPFLOPAN Unique No: 10564306 Signed: Jonathan Hester **Report Date:** 24 Jul 2023

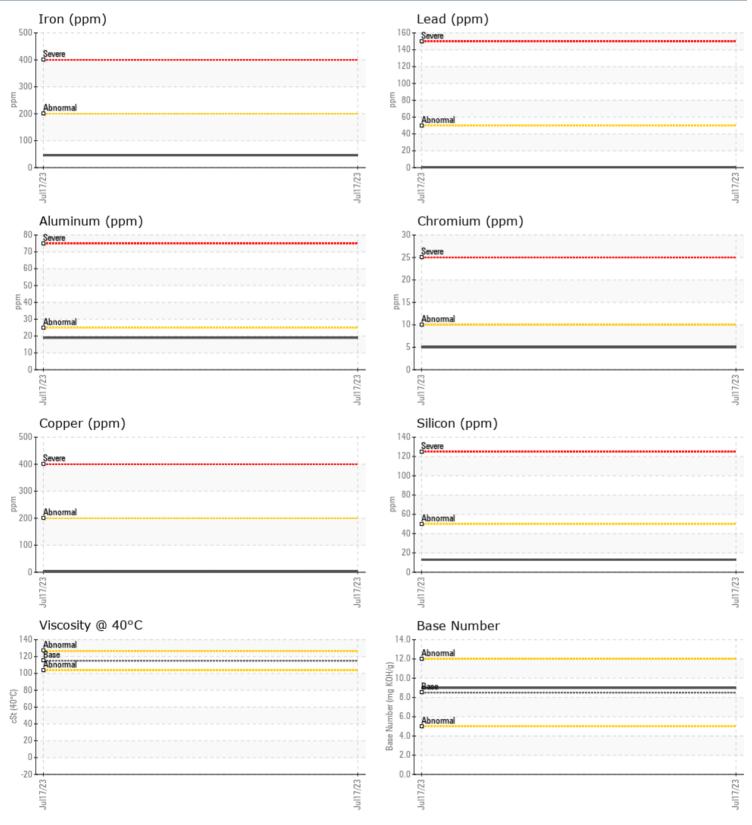
Contact/Location: RICHARD ROBERTS - VPFLOPAN



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GRAPHS



Report Id: VPFLOPAN [WUSCAR] 05902950 (Generated: 07/24/2023 10:40:04) Rev: 1

Contact/Location: RICHARD ROBERTS - VPFLOPAN