OIL ANALYSIS REPORT

THOMAS GILLINGHAM SAM WESTERBEKE A2191315 - GENSET

Sample No: VPA059282

Oil Type: DIESEL ENGINE OIL SAE 15W40

SAMPLE INFORMATION Sample Number VPA059282 Sample Date 10 Jan 2024 Machine Hours 481 255 **Oil Hours** Oil Changed Changed NORMAL Sample Status **OIL CONDITION** Visc @ 100°C cSt 13.2 Base Number (BN) mg KOH/g 7.5 Oxidation (PA) % 60 CONTAMINATION % NEG Water % Soot % 0.3 Nitration (PA) % 73 % Sulfation (PA) 53 Glycol % NEG % Fuel <1.0 Silicon 28 ppm Sodium ppm **4** Potassium 4 ppm WEAR METALS 16 Iron ppm 7 Copper ppm Lead ppm 1 🗌 Tin ■ <1 ppm Aluminum ppm 6 Chromium ppm <1 Molybdenum 17 ppm Nickel 0 ppm Titanium ppm **||** <1 0 Silver ppm Manganese 2 ppm Vanadium 0 ppm **ADDITIVES** Calcium 1406 ppm Magnesium 715 ppm Zinc ppm 928 Phosphorus ppm 788 Barium 1 ppm Boron ppm 88 Depot: Unique No:

Endor Marine LLC - Coastal Marine - 152124 4300 11th Ave. NW SEATTLE, WA US 98107 Contact: WILLOW YANARELLA service@coastalmarineengine.com T: (206)784-3703 F: (206)784-8823

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.

Report Date: 22 Jan 2024 Contact/Location: WILLOW YANARELLA - VP794951

Signed:

VP794951

10836350

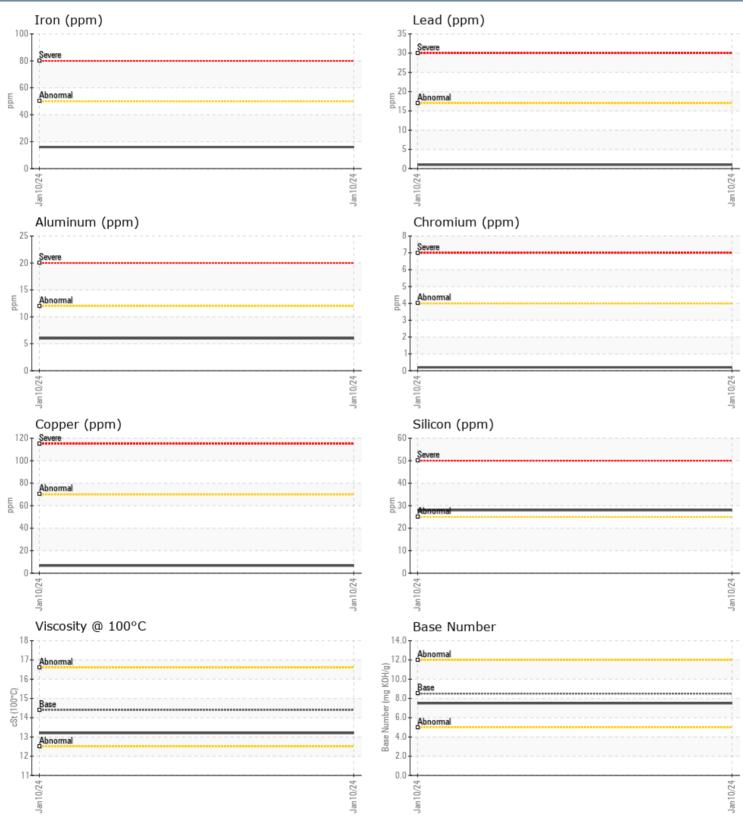
Angela Borella



OIL ANALYSIS REPORT



GRAPHS



Report Id: VP794951 [WUSCAR] 06064968 (Generated: 01/22/2024 16:03:38) Rev: 1

Contact/Location: WILLOW YANARELLA - VP794951