OIL ANALYSIS REPORT

DON ANDERSON GEOFF/502758 **DON ANDERSON - CENTER GENSET**

Sample No: VPA060575

Oil Type: DIESEL ENGINE OIL SAE 30

SAMPLE INFORMATION VPA060575 Sample Number Sample Date 19 Mar 2024 Machine Hours 0 0 **Oil Hours** Oil Changed Not Changd ATTENTION Sample Status **OIL CONDITION** 12.4 Visc @ 100°C cSt Base Number (BN) mg KOH/g 8.7 Oxidation (PA) % 59 No corrective action is recommended CONTAMINATION at this time. Resample at the next service interval to monitor.All % NEG Water component wear rates are normal. % Soot % 0.1 Elemental level of silicon (Si) above Nitration (PA) % 52 normal indicating ingress of dirt/seal material. The BN result indicates that % Sulfation (PA) 49 Glycol % NEG Fuel % <1.0 Silicon 25 ppm Sodium 3 ppm Potassium 2 ppm WEAR METALS Iron 6 ppm **||** <1 Copper ppm Lead ppm **||** < 1 Tin ■ <1 ppm Aluminum ppm 2 Chromium 2 ppm Molybdenum 45 ppm Nickel ■ <1</p> ppm Titanium ppm **||** <1 Silver ppm ■ <1 Manganese ppm <1 Vanadium ppm <1 **ADDITIVES** Calcium 1068 ppm Magnesium 833 ppm Zinc ppm 1016 Phosphorus ppm 834 Barium 0 ppm Boron ppm 21 Depot:

there is suitable alkalinity remaining in the oil. The condition of the oil is acceptable for the time in service.

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

VP794951 Unique No: 10951179

Report Date:

Don Baldridge 02 Apr 2024

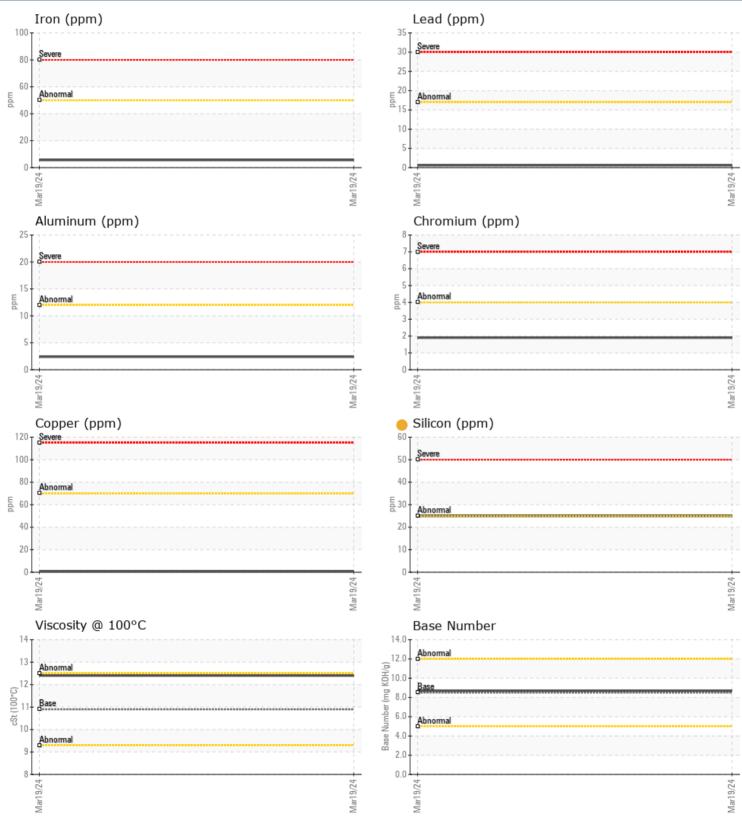
Signed:



OIL ANALYSIS REPORT



GRAPHS



Report Id: VP794951 [WUSCAR] 06131714 (Generated: 04/02/2024 15:30:48) Rev: 1

Contact/Location: WILLOW YANARELLA - VP794951