## **OIL ANALYSIS REPORT**

### MICHAEL ELDRIDGE SAM KOHLER 336KGMFN007 - GENSET

Sample No: VPA059180

Oil Type: DIESEL ENGINE OIL SAE 15W40

#### SAMPLE INFORMATION Sample Number VPA059180 VPA056571 Sample Date 05 Mar 2024 23 May 2023 Machine Hours 274 138 **Oil Hours** 136 0 Oil Changed Changed Changed NORMAL Sample Status NORMAL **OIL CONDITION** Visc @ 100°C cSt 13.2 13.7 Base Number (BN) mg KOH/g 9.0 9.8 Oxidation (PA) % 76 70 CONTAMINATION % NEG NFG Water % Soot % 0 0 Nitration (PA) % 50 59 % Sulfation (PA) 58 54 Glycol % NEG NFG Fuel % <1.0 <1.0 Silicon 5 16 ppm Sodium ppm 3 9 Potassium 0 4 ppm WEAR METALS 20 Iron 9 ppm 2 10 Copper ppm Lead ppm 0 🔲 1 Tin 0 □ < 1 ppm Aluminum 2 ppm 1 Chromium <1 1 ppm 49 Molybdenum 59 ppm Nickel 0 <1 ppm Titanium ppm 0 🔲 <1 Silver ppm 0 <1 6 Manganese 1 ppm Vanadium ppm <1 <1 **ADDITIVES** Calcium 1461 991 ppm 1023 Magnesium **705** ppm Zinc ppm 1038 1255 1000 Phosphorus ppm 834 0 Barium 0 ppm 48 Boron ppm 68

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 acceptable for the time in service.

Signed:Don BaldridgeReport Date:10 Mar 2024

Contact/Location: WILLOW YANARELLA - VP794951

VP794951

10915302

Depot:

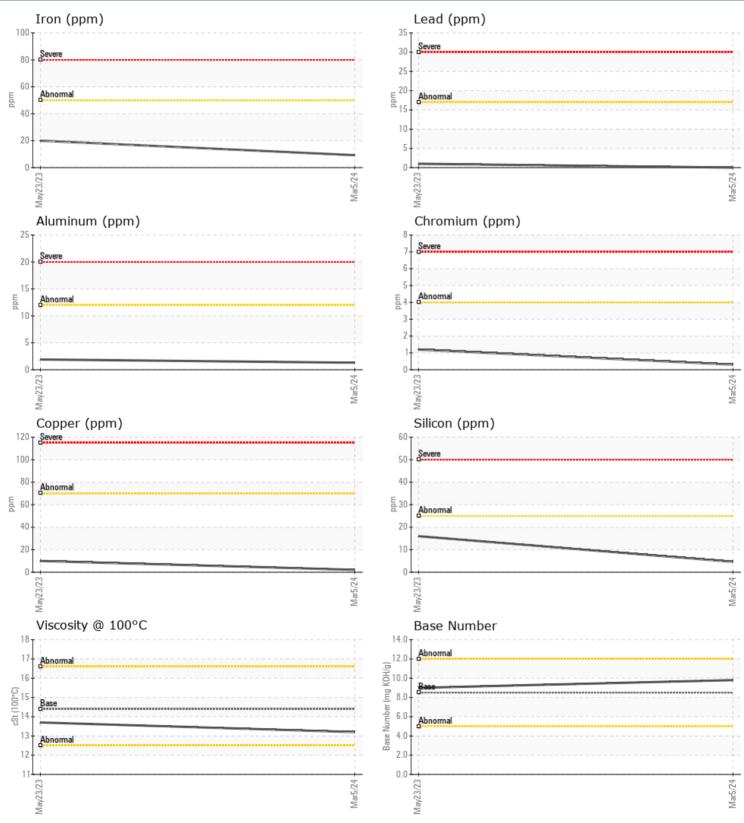
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#### GRAPHS



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