## **OIL ANALYSIS REPORT**

### ONAN C030479848 - GENSET ROBERT TUTLAND AJD/502764

Sample No: VPA060248

**Oil Type:** CHEVRON DELO 400 MULTIGRADE 15W40

#### SAMPLE INFORMATION Sample Number VPA060248 13 Feb 2024 Sample Date Machine Hours 2401 0 **Oil Hours** Oil Changed N/A NORMAL Sample Status **OIL CONDITION** 13.4 Visc @ 100°C cSt Base Number (BN) mg KOH/g 8.3 Oxidation (PA) % 58 CONTAMINATION % NEG Water % Soot % 0.1 Nitration (PA) % 50 % Sulfation (PA) 57 Glycol % NEG Fuel % <1.0 Silicon 6 ppm Sodium ppm 0 🔲 Potassium 2 ppm WEAR METALS Iron 13 ppm **||** <1 Copper ppm Lead ■ <1 ppm Tin 1 ppm Aluminum ppm 2 Chromium ppm 2 Molybdenum 86 ppm Nickel ■ <1 ppm Titanium ppm **||** <1 Silver ppm ■ <1 Manganese <1 ppm Vanadium ppm <1 **ADDITIVES** Calcium 1407 ppm Magnesium 621 ppm Zinc ppm 798 Phosphorus ppm 713 Barium 0 ppm Boron ppm 297 Depot: Unique No: Signed:

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.

**Report Date:** 19 Feb 2024 Contact/Location: WILLOW YANARELLA - VP794951

VP794951

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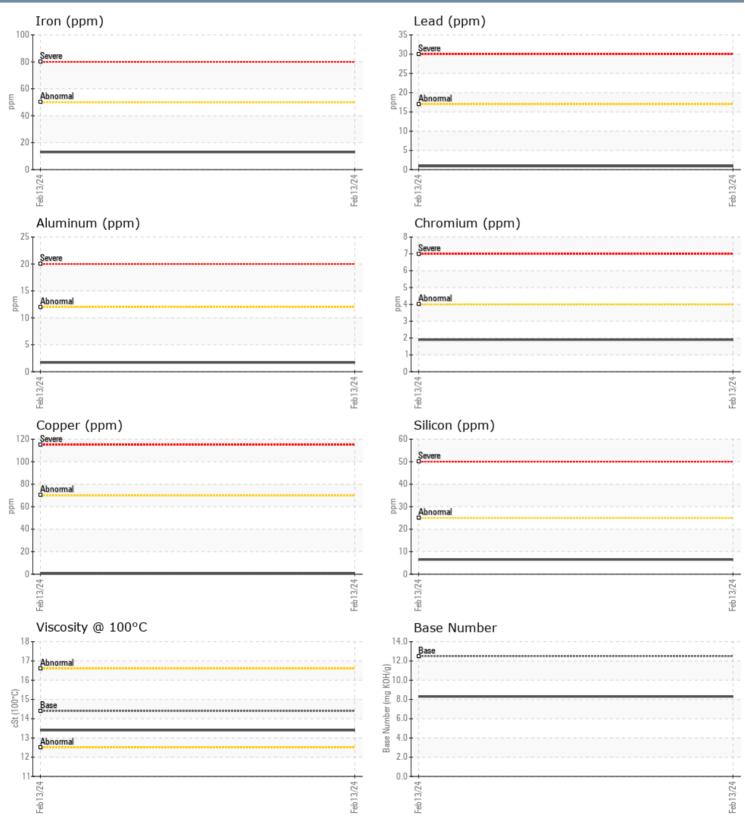
Don Baldridge



# **OIL ANALYSIS REPORT**



### GRAPHS



Report Id: VP794951 [WUSCAR] 06090863 (Generated: 02/19/2024 21:17:30) Rev: 1

Contact/Location: WILLOW YANARELLA - VP794951