OIL ANALYSIS REPORT

DARIN FITZGERALD 54082 ONAN G170218074 - GENSET

Sample No: VPA029213

Oil Type: CHEVRON DELO 400 MULTIGRADE 15W40

SAMPLE INFORMATION VPA029213 Sample Number Sample Date 25 Jun 2024 Machine Hours 606 **Oil Hours** 136 Oil Changed Not Changd NORMAL Sample Status Т٠ **OIL CONDITION** F: Visc @ 100°C cSt 13.9 Base Number (BN) mg KOH/g 7.2 Oxidation (PA) % 59 CONTAMINATION % NEG Water % Soot % 0.1 Nitration (PA) % 68 % Sulfation (PA) 50 Glycol % NEG Fuel % <1.0 Silicon 6 ppm Sodium 3 ppm Potassium 1 ppm WEAR METALS Iron 1 ppm **||** <1 Copper ppm Lead ppm 0 🔲 Tin 0 ppm Aluminum 3 ppm Chromium ppm 0 Molybdenum 83 ppm Nickel 0 ppm Titanium ppm 0 🔲 Silver 0 ppm Manganese **||** <1 ppm Vanadium 0 ppm **ADDITIVES** Calcium 2198 ppm Magnesium 117 ppm Zinc ppm 1239 Phosphorus ppm 898 Barium 0 ppm Boron ppm 74



Kozwel Boatworks, Inc. 2601 S. Yale St. SANTA ANA, CA US 92704 Contact: KELLI W kelliw@kozwel.com T:

Diagnosis

No corrective action is recommended at this time. 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:
 VP491768

 Unique No:
 11100299

 Signed:
 Sean Felton

 Report Date:
 28 Jun 2024

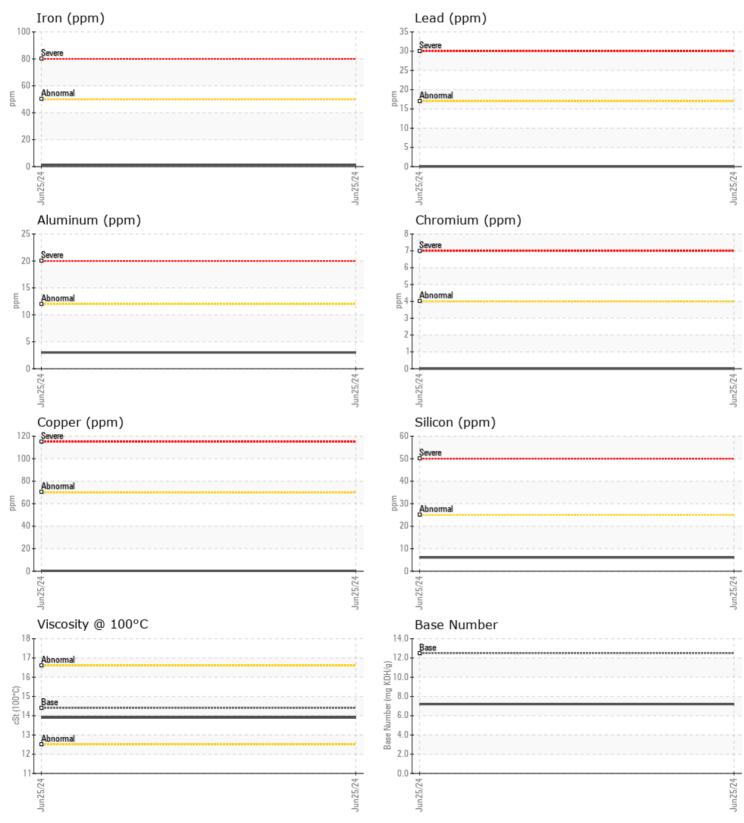
 Contact/Location:
 KELLI W - VP491768

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OIL ANALYSIS REPORT



GRAPHS



Report Id: VP491768 [WUSCAR] 06222102 (Generated: 06/28/2024 14:32:42) Rev: 1

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