OIL ANALYSIS REPORT

BRINE JB NORTHERN LIGHTS K08911 - CENTER GENSET

Sample No: VPA057117

Oil Type: SHELL ROTELLA T 30

SAMPLE INFORMATION VPA057117 VPA003334 Sample Number **Point Judith Marina** Sample Date 01 Dec 2023 18 Nov 2014 360 Gooseberry Road Machine Hours 11 226 **Oil Hours** 0 10 Oil Changed Changed Changed NORMAL Sample Status NORMAL **OIL CONDITION** 14.1 Visc @ 100°C 10.96 cSt Base Number (BN) mg KOH/g 8.4 Oxidation (PA) % 65 12 CONTAMINATION NEG Water % NFG % Soot % 0 0 Nitration (PA) % 42 25 Sulfation (PA) % 55 25 Glycol % NEG NEG Fuel % <1.0 <1.0 Silicon 3 2 ppm Sodium 8 🔲 2 ppm Potassium 4 ppm <1 WEAR METALS 9 Iron 36 ppm 3 < 1 Copper ppm Lead ppm 0 🔲 < 1 Tin 0 <1 ppm Aluminum 2 ppm 6 Chromium <1 < 1 ppm 65 Molybdenum 2 ppm 0 Nickel 0 🔲 ppm Titanium ppm 0 🔲 0 Silver 0 0 ppm Manganese 1 < 1 ppm 0 Vanadium ppm 0 **ADDITIVES** 2462 Calcium 1145 ppm Magnesium 943 ppm 11 Zinc ppm 1277 651 Phosphorus ppm 1063 587 Barium 0 🔲 0 ppm Boron ppm 5 4 Depot: Unique No:

Signed: Angela Borella **Report Date:** 08 Dec 2023 Contact/Location: MATT ST. ANGELO - VP153811

WAKEFIELD, RI US 02879

Contact: MATT ST. ANGELO service@pjmarina.com;canastasio@wearcheckusa.com T: (401)789-7189 F: (401)783-5350

Diagnosis

Oil and filter change at the time of sampling has been noted. 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.

VP153811

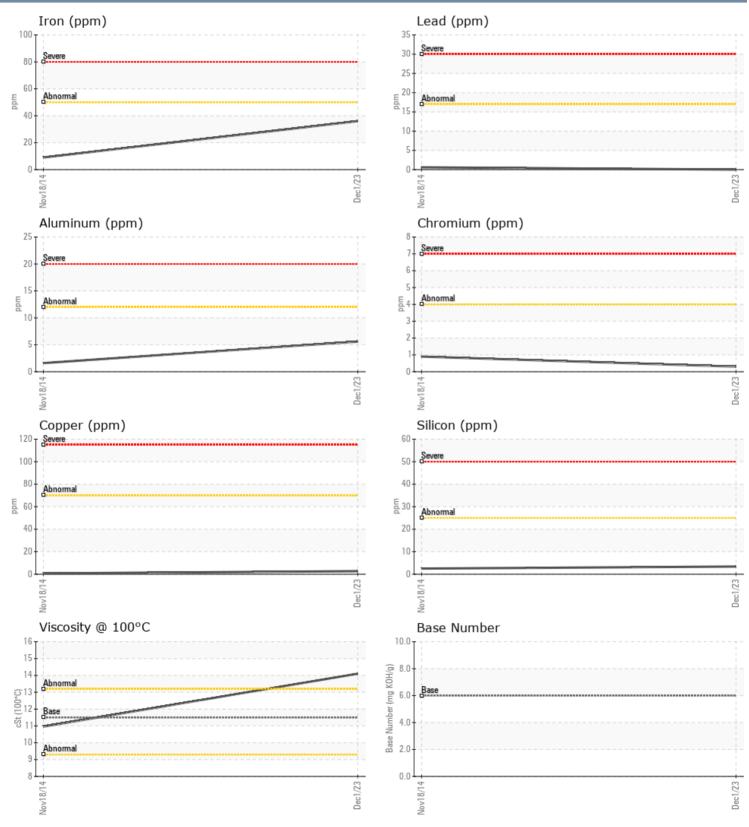
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OIL ANALYSIS REPORT



GRAPHS



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