OIL ANALYSIS REPORT

BILL MORENO - GALEON ONAN C180338826 - GENSET

VPA036456 Sample No:

Oil Type: SHELL ROTELLA T 15W40

SAMPLE INFORMATION VPA036456 VPA043422 Sample Number Sample Date 19 Dec 2023 10 Dec 2022 Machine Hours 1030 915 1030 915 **Oil Hours** Oil Changed N/A Changed NORMAL Sample Status NORMAL **OIL CONDITION** Visc @ 100°C 13.1 13.5 cSt 9.0 Base Number (BN) mg KOH/g 8.3 Oxidation (PA) % 66 71 CONTAMINATION % NFG Water NEG % Soot % 0.1 0.1 Nitration (PA) % 52 58 Sulfation (PA) % 55 60 Glycol % NEG NEG Fuel % <1.0 <1.0 Silicon 4 8 ppm Sodium 2 2 ppm Potassium 7 ppm 1 WEAR METALS 3 14 Iron ppm **||** <1 5 Copper ppm Lead 0 ppm 0 Tin 0 | <1 ppm Aluminum 4 ppm 2 Chromium **|** <1 1 ppm 60 Molybdenum ppm 6 0 Nickel 0 ppm Titanium ppm 0 <1 0 <1 Silver ppm Manganese 0 🔲 < 1 ppm Vanadium <1 ppm <1 **ADDITIVES** 1223 Calcium 1994 ppm Magnesium 80 ppm 875 Zinc ppm 1198 1309 Phosphorus ppm 1012 1109 Barium 0 🔲 < 1 ppm Boron ppm 166 6 Depot: Unique No:

Contact/Location: MAX FUHLBRUGGE - VP610438

Larry`s Lighthouse Marina 1250

AQUEBOGUE, NY US 11931 Contact: MAX FUHLBRUGGE info@lighthousemarina.com T: x: F: x:

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.

VP610438

10843045

Angela Borella

23 Jan 2024

Signed:

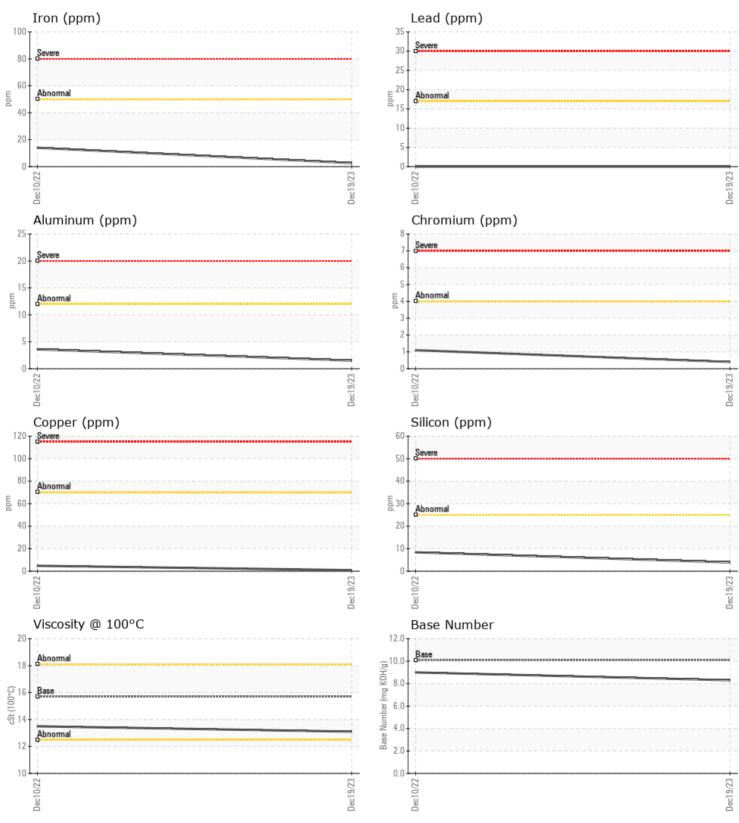
Report Date:



OIL ANALYSIS REPORT



GRAPHS



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