OIL ANALYSIS REPORT

PITT STOP 3440 FISCHER PANDA 180581 - CENTER GENSET

Sample No: VPA049505

Oil Type: SHELL 15W40

SAMPLE INFORMATION VPA049505 Sample Number 21 Dec 2023 Sample Date Machine Hours 640 **Oil Hours** 0 Oil Changed Changed NORMAL Sample Status **OIL CONDITION** F: Visc @ 100°C cSt 13.1 Base Number (BN) mg KOH/g 9.5 Oxidation (PA) % 55 CONTAMINATION % NEG Water % Soot % 0.1 Nitration (PA) % 43 % Sulfation (PA) 50 Glycol % NEG Fuel % <1.0 Silicon 5 ppm Sodium 1 ppm Potassium 0 ppm WEAR METALS Iron 2 ppm 1 Copper ppm Lead ■ <1 ppm Tin ■ <1 ppm Aluminum ppm 2 Chromium <1 ppm 59 Molybdenum ppm Nickel 0 ppm Titanium ppm 0 Silver ppm 0 Manganese 0 🔲 ppm Vanadium ppm 0 **ADDITIVES** 1064 Calcium ppm Magnesium 927 ppm Zinc ppm 1186 Phosphorus ppm 1035 Barium 0 🔲 ppm Boron ppm 3

Unique No: Signed: **Report Date:**

Depot: VP531377 10819235

Contact/Location: ROBERT ANTONA - VP531377

Sean Felton 09 Jan 2024

GRAND BANKS

450 SW SALEM RD STUART, FL US 34994 Contact: ROBERT ANTONA roberta@gbmarinegroup.com T: (609)384-5290

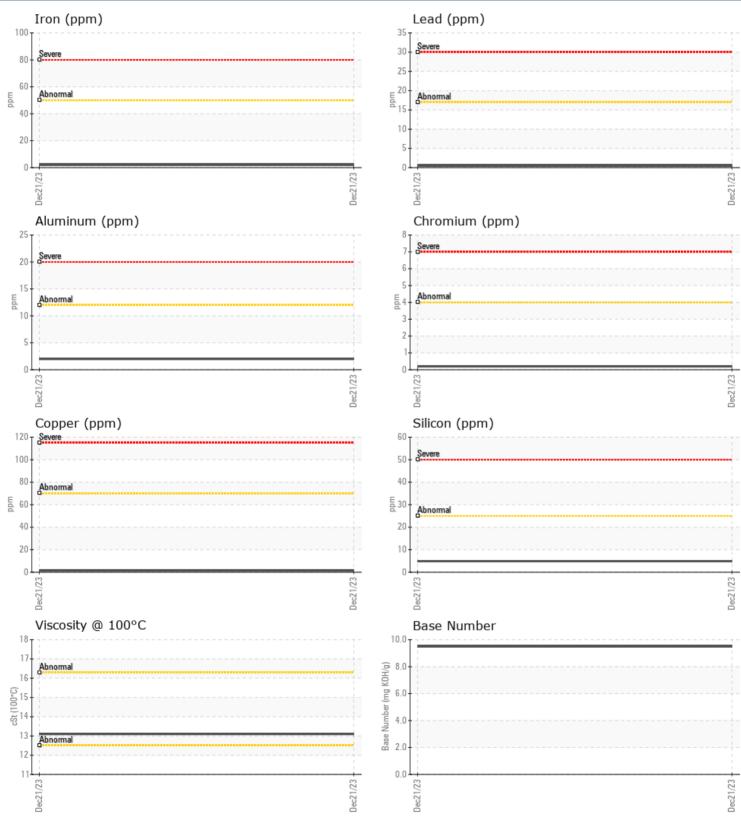
Diagnosis

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.

OIL ANALYSIS REPORT



GRAPHS



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Contact/Location: ROBERT ANTONA - VP531377