# **OIL ANALYSIS REPORT**



# FISCHER PANDA CO2-102-838 - GENSET

Sample No: VPA056838

Oil Type: DIESEL ENGINE OIL SAE 15W40

#### SAMPLE INFORMATION VPA056838 Sample Number 28 Nov 2023 Sample Date Machine Hours 1220 0 **Oil Hours** Oil Changed N/A NORMAL Sample Status **OIL CONDITION** Visc @ 100°C cSt 14.0 Base Number (BN) mg KOH/g 9.2 Oxidation (PA) % 75 CONTAMINATION % NEG Water % Soot % 0.4 Nitration (PA) % 75 % Sulfation (PA) 60 Glycol % NEG Fuel % <1.0 Silicon 4 ppm Sodium 3 ppm Potassium 0 ppm WEAR METALS Iron 29 ppm 7 Copper ppm Lead ppm **||** < 1 Tin ■ <1 ppm Aluminum ppm **||** <1 Chromium <1 ppm 42 Molybdenum ppm Nickel 1 ppm Titanium ppm 0 🔲 Silver 0 ppm Manganese ppm **||** <1 Vanadium ppm <1 **ADDITIVES** Calcium 1157 ppm Magnesium 763 ppm Zinc ppm 854 Phosphorus ppm 743 Barium 0 🔲 ppm Boron ppm 32

### JOHNSTONS MARINE SERVICES

1850 NW 15th AVENUE, SUITE 205 POMPANO BEACh, FL US 33069 Contact: NEIL JOHNSTON neil@1jms.com T: (984)448-0813 F:

## 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.

 Depot:
 VPJOHDEE

 Unique No:
 10766439

 Signed:
 Don Baldridge

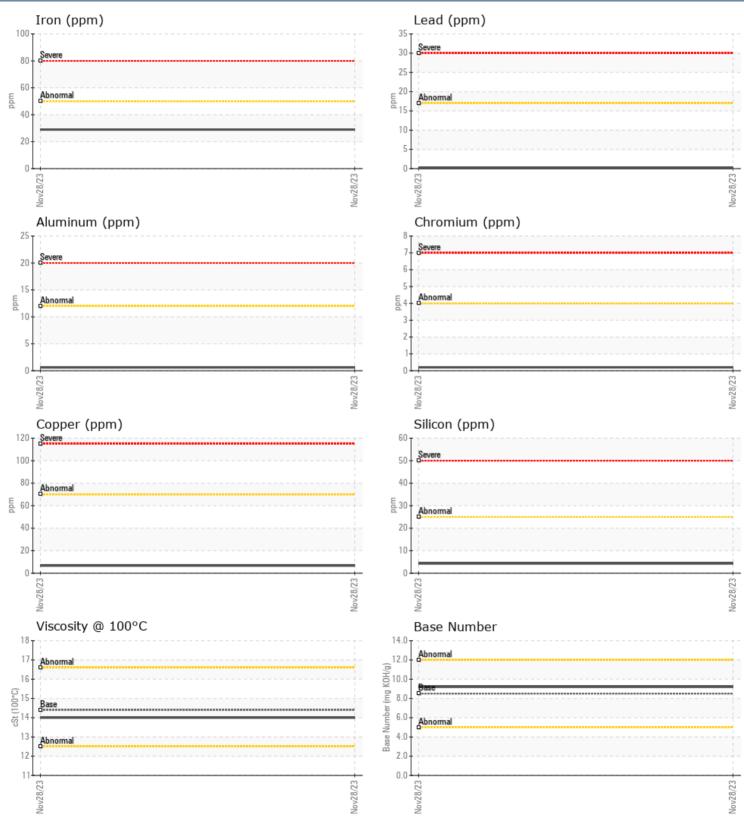
 Report Date:
 04 Dec 2023

Contact/Location: NEIL JOHNSTON - VPJOHDEE

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### GRAPHS



Report Id: VPJOHDEE [WUSCAR] 06021939 (Generated: 12/04/2023 14:11:28) Rev: 1

Contact/Location: NEIL JOHNSTON - VPJOHDEE