OIL ANALYSIS REPORT

ANDIAMO MIDI VOLVO PENTA 7011444628 - PORT DIESEL ENGINE

Sample No: VPA058039

Oil Type: DIESEL ENGINE OIL SAE 15W40

SAMPLE INFORMATION VPA058039 Sample Number Sample Date 20 Dec 2023 Machine Hours 13 0 **Oil Hours** Oil Changed N/A NORMAL Sample Status **OIL CONDITION** 13.0 Visc @ 100°C cSt Base Number (BN) mg KOH/g 10.1 Oxidation (PA) % 52 CONTAMINATION % NEG Water % Soot % 0 Nitration (PA) % 38 % Sulfation (PA) 48 Glycol % NEG Fuel % <1.0 Silicon 66 ppm Sodium **||** <1 ppm Potassium 4 ppm WEAR METALS Iron 1 ppm **4** Copper ppm Lead ■ <1 ppm Tin 0 ppm Aluminum **||** <1 ppm Chromium 0 ppm **||** <1 Molybdenum ppm 0 Nickel ppm Titanium ppm 0 🔲 Silver 0 ppm Manganese <1 ppm Vanadium ppm <1 **ADDITIVES** Calcium 2530 ppm Magnesium 8 🔲 ppm Zinc ppm 1212 Phosphorus ppm 972 Barium 0 🔲 ppm Boron ppm 5

Unique No:10806562Signed:Angela BorellaReport Date:28 Dec 2023

Depot:

Report Date: 28 Dec 2023 Contact/Location: ASHANTI BURKE - VP694356

VP694356



Marine International Diesels Inc. 3600 HACIENDA BLVD UNIT G DAVIE, FL US 33314 Contact: ASHANTI BURKE aburke@midiflorida.com T: (954)761-1086 F: (954)761-1186

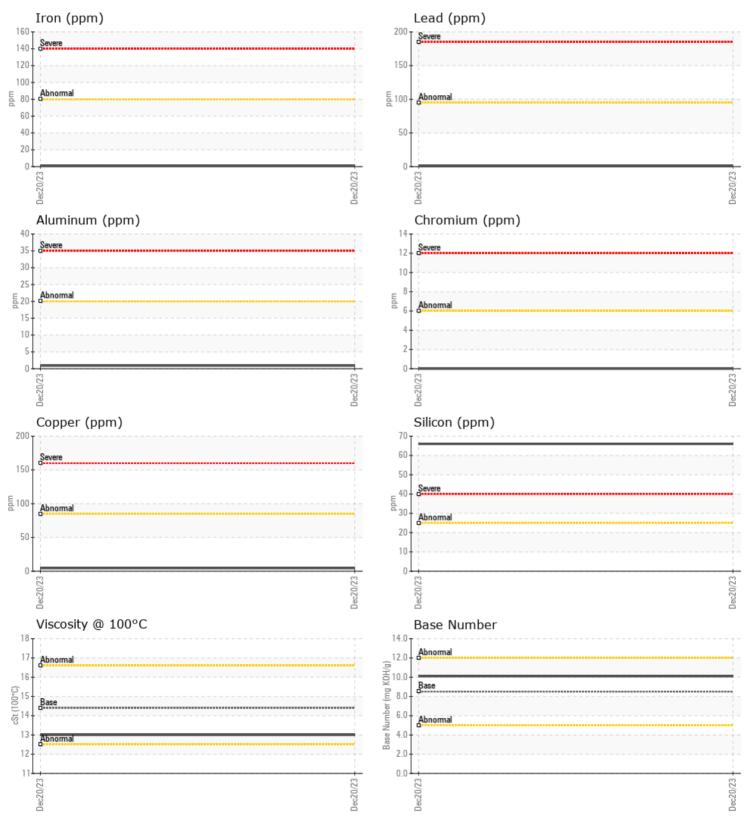
Diagnosis

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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