OIL ANALYSIS REPORT

VOLVO PENTA

NOTORIOUS CUMMINS 1190631013 - GENSET

Sample No: VPA049906

Oil Type: DIESEL ENGINE OIL SAE 15W40

SAMPLE INFORMATION VPA049906 Sample Number 02 Oct 2023 Sample Date Machine Hours 2762 0 **Oil Hours** Oil Changed N/A NORMAL Sample Status **OIL CONDITION** Visc @ 100°C cSt 13.4 Base Number (BN) mg KOH/g 9.7 Oxidation (PA) % 55 CONTAMINATION Soot % % 0 🔲 % Nitration (PA) 39 Sulfation (PA) % 50 % Glycol NEG Fuel % <1.0 Silicon ppm 3 Sodium 2 ppm Potassium ppm **4** WEAR METALS Iron ppm ■ <1 Copper **||** <1 ppm Lead ppm 0 Tin 0 ppm Aluminum ppm ■ <1 Chromium 0 ppm Molybdenum ppm 57 Nickel 0 ppm Titanium 0 🔲 ppm Silver ppm 0 🔲 Manganese 0 🔲 ppm Vanadium 0 ppm **ADDITIVES** Calcium 995 ppm Magnesium 985 ppm Zinc ppm 1291 Phosphorus ppm 1027 Barium ppm 0 🔲 Boron ppm **||** <1

Marine International Diesels Inc. 3600 HACIENDA BLVD UNIT G DAVIE, FL US 33314

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.

 Depot:
 VP694356

 Unique No:
 10709759

 Signed:
 Sean Felton

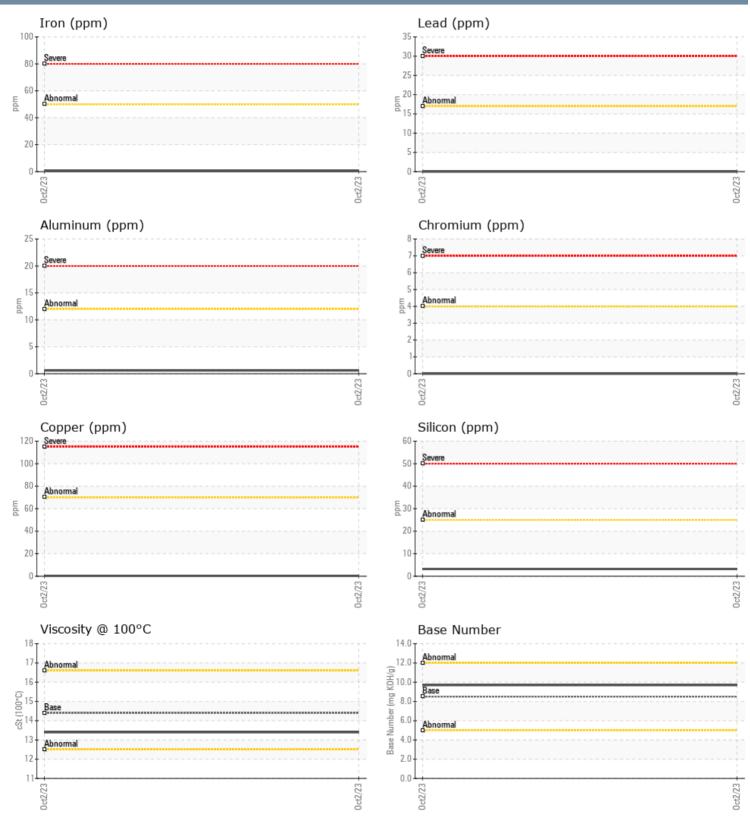
 Report Date:
 25 Oct 2023

Contact/Location: ASHANTI BURKE - VP694356

OIL ANALYSIS REPORT



GRAPHS



Contact/Location: ASHANTI BURKE - VP694356