OIL ANALYSIS REPORT

RIVERIA 43 530717 CUMMINS L 190693006 - GENSET

Sample No: VPA058011

Oil Type: DIESEL ENGINE OIL SAE 15W40

SAMPLE INFORMATION VPA058011 Sample Number Sample Date 10 Nov 2023 Machine Hours 382 **Oil Hours** 40 Oil Changed Not Changd NORMAL Sample Status **OIL CONDITION** 13.5 Visc @ 100°C cSt Base Number (BN) mg KOH/g 9.4 Oxidation (PA) % 67 CONTAMINATION Soot % % 0.1 % Nitration (PA) 55 Sulfation (PA) % 54 % Glycol NEG Fuel % <1.0 Silicon ppm 7 Sodium 1 🔲 ppm Potassium ppm 1 WEAR METALS Iron ppm 2 0 Copper ppm **||** <1 Lead ppm Tin ■ <1 ppm Aluminum ppm 1 Chromium 0 ppm Molybdenum 46 ppm Nickel 0 ppm Titanium 0 🔲 ppm Silver ppm 0 🔲 Manganese **||** <1 ppm Vanadium 0 ppm **ADDITIVES** Calcium 1157 ppm Magnesium 871 ppm 998 Zinc ppm Phosphorus ppm 825 Barium ppm 0 🔲 Boron ppm 38



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.

 Depot:
 VP694356

 Unique No:
 10741292

 Signed:
 Don Baldridge

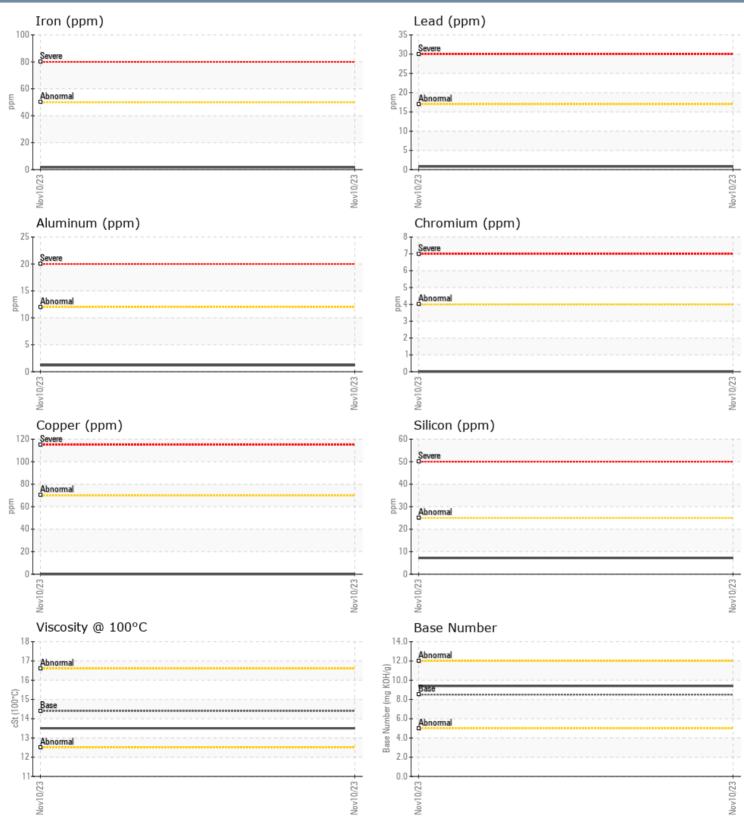
 Report Date:
 16 Nov 2023

Contact/Location: ASHANTI BURKE - VP694356

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GRAPHS



Report Id: VP694356 [WUSCAR] 06007530 (Generated: 11/16/2023 23:59:03) Rev: 1

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