OIL ANALYSIS REPORT

MARINE MAX PGRNAMENT PAYOUT 14194 VOLVO PENTA VVO69732 - STARBOARD DIESEL ENGINE

Sample No: VPA055052

Oil Type: DIESEL ENGINE OIL SAE 40

SAMPLE INFORMATION VPA055052 Sample Number Sample Date 06 Jul 2023 Machine Hours 2194 **Oil Hours** 56 Oil Changed N/A NORMAL Sample Status **OIL CONDITION** F: Visc @ 100°C cSt 13.3 Base Number (BN) mg KOH/g 10.0 Oxidation (PA) % 53 CONTAMINATION Soot % % 0.2 % Nitration (PA) 50 Sulfation (PA) % 50 % Glycol NEG Fuel % <1.0 Silicon ppm 4 Sodium ■<1 ppm Potassium ppm **||** <1 WEAR METALS Iron ppm 4 2 Copper ppm Lead ppm 0 Tin 0 ppm Aluminum ppm 0 Chromium **||** < 1 ppm Molybdenum 60 ppm Nickel ■ <1 ppm Titanium 0 🔲 ppm Silver ppm 0 🔲 Manganese ■ <1 ppm Vanadium <1 ppm **ADDITIVES** Calcium 1131 ppm Magnesium 1013 ppm 1268 🔲 Zinc ppm Phosphorus ppm 1036 Barium ppm 0 Boron ppm 3

PARTS & POWER PO BOX 1305498, PMB1000-00 ST THOMAS, VI US 00803 Contact: KARIM PERSAUD info@partsandpower.com T: (284)494-2830

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:
 VP981217

 Unique No:
 10585770

 Signed:
 Sean Felton

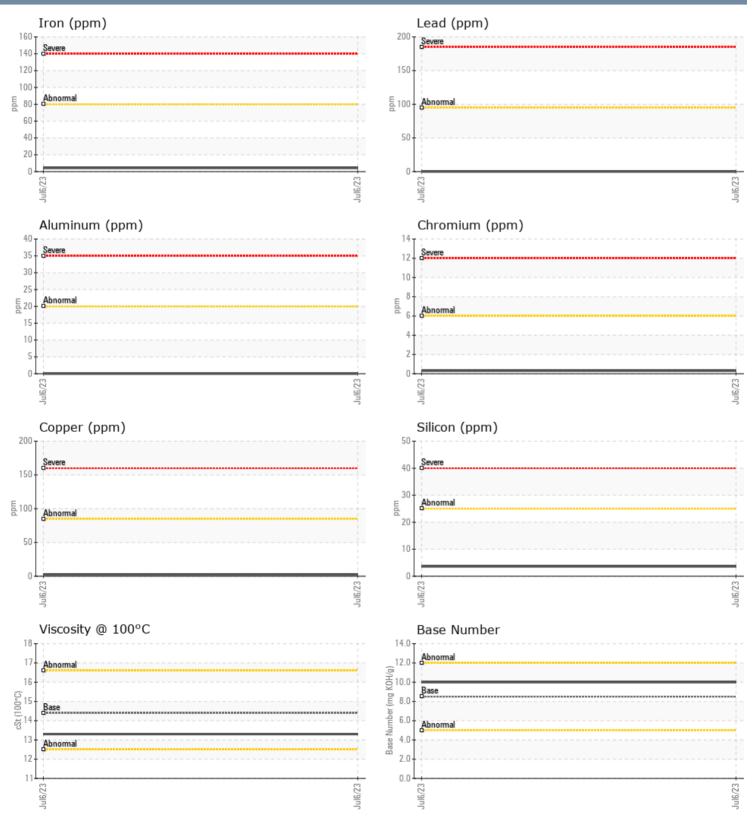
 Report Date:
 03 Aug 2023

Contact/Location: KARIM PERSAUD - VP981217

OIL ANALYSIS REPORT



GRAPHS



Contact/Location: KARIM PERSAUD - VP981217