OIL ANALYSIS REPORT

KREIDER VOLVO PENTA CRSMDA39A808 - PORT DIESEL ENGINE

Sample No: VPA050712

Oil Type: DIESEL ENGINE OIL SAE 40

SAMPLE INFORMATION VPA050712 Sample Number Sample Date 15 Mar 2024 Machine Hours 0 0 **Oil Hours** Oil Changed Changed NORMAL Sample Status **OIL CONDITION** Visc @ 100°C cSt 13.5 Base Number (BN) mg KOH/g 10.2 Oxidation (PA) % 54 CONTAMINATION % NEG Water % Soot % 0 Nitration (PA) % 38 % Sulfation (PA) 49 Glycol % NEG Fuel % <1.0 Silicon 10 ppm Sodium 0 🔲 ppm Potassium 2 ppm WEAR METALS Iron 9 ppm 1 Copper ppm Lead ppm **||** < 1 Tin ■ <1 ppm Aluminum ppm 1 Chromium <1 ppm Molybdenum ppm 62 Nickel **||** <1 ppm Titanium ppm **||** <1 Silver 0 ppm Manganese **||** <1 ppm Vanadium ppm <1 **ADDITIVES** Calcium 1101 ppm Magnesium 893 ppm Zinc ppm 1186 1086 Phosphorus ppm Barium ■<1 ppm Boron ppm 6

 Depot:
 VP610610

 Unique No:
 10949818

 Signed:
 Don Baldridge

 Report Date:
 30 Mar 2024

Steve`s Marine Service West 255 S. Ketcham Ave. AMITYVILLE, NY US 11701 Contact: Steven Stavracos steve@stevesmarine.com T: (631)264-1600 F: (631).26-4.1601

Diagnosis

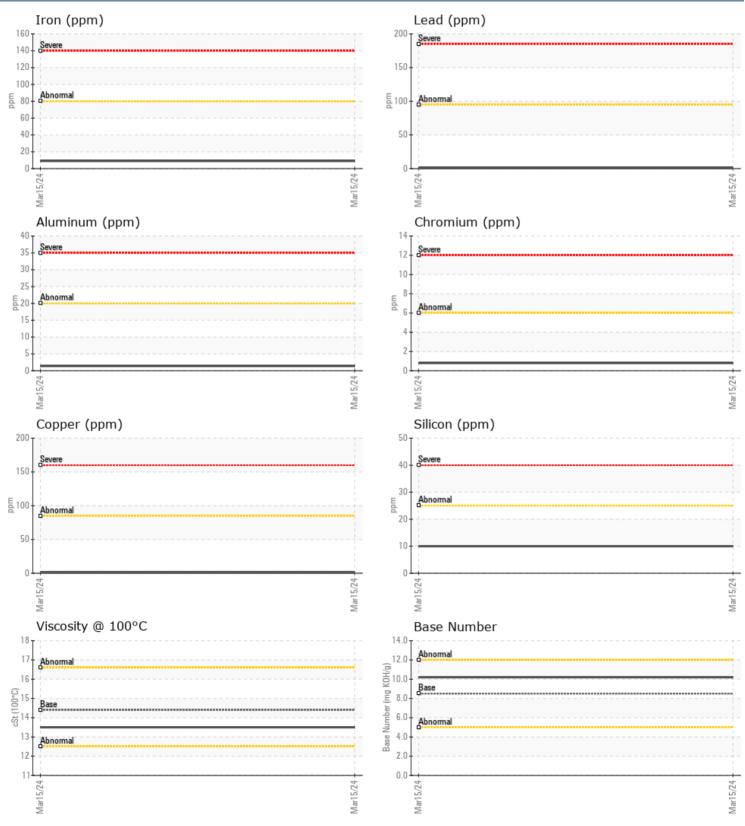
Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is acceptable for the time in service.



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GRAPHS



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Contact/Location: Steven Stavracos - VP610610