OIL ANALYSIS REPORT

VOLVO PENTA 2006040140 - PORT DIESEL ENGINE

VPA053146 Sample No:

Oil Type: DIESEL ENGINE OIL SAE 15W40

SAMPLE INFORMATION VPA053146 Sample Number Sample Date 01 May 2024 Machine Hours 683 0 **Oil Hours** Oil Changed N/A NORMAL Sample Status **OIL CONDITION** Visc @ 100°C cSt 13.6 Base Number (BN) mg KOH/g 8.9 Oxidation (PA) % 46 CONTAMINATION % NEG Water % Soot % 0.1 Nitration (PA) % 48 % Sulfation (PA) 45 Glycol % NEG % Fuel <1.0 Silicon 8 ppm Sodium 0 🔲 ppm Potassium 3 ppm WEAR METALS Iron 3 ppm **||** <1 Copper ppm Lead 0 🔲 ppm Tin 2 ppm Aluminum ppm 2 Chromium ppm <1 Molybdenum 45 ppm Nickel 1 ppm Titanium ppm **||** <1 Silver ppm 0 Manganese ppm **||** <1 Vanadium ppm <1 **ADDITIVES** Calcium 1379 ppm Magnesium 733 ppm Zinc ppm 1073 Phosphorus ppm 881 Barium 0 ppm Boron ppm 186

Unique No: Signed: **Report Date:**

Depot:

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JOHNSTONS MARINE SERVICES 1850 NW 15th AVENUE, SUITE 205

POMPANO BEACh, FL US 33069 Contact: NEIL JOHNSTON neil@1ims.com T: (984)448-0813 F:

Diagnosis

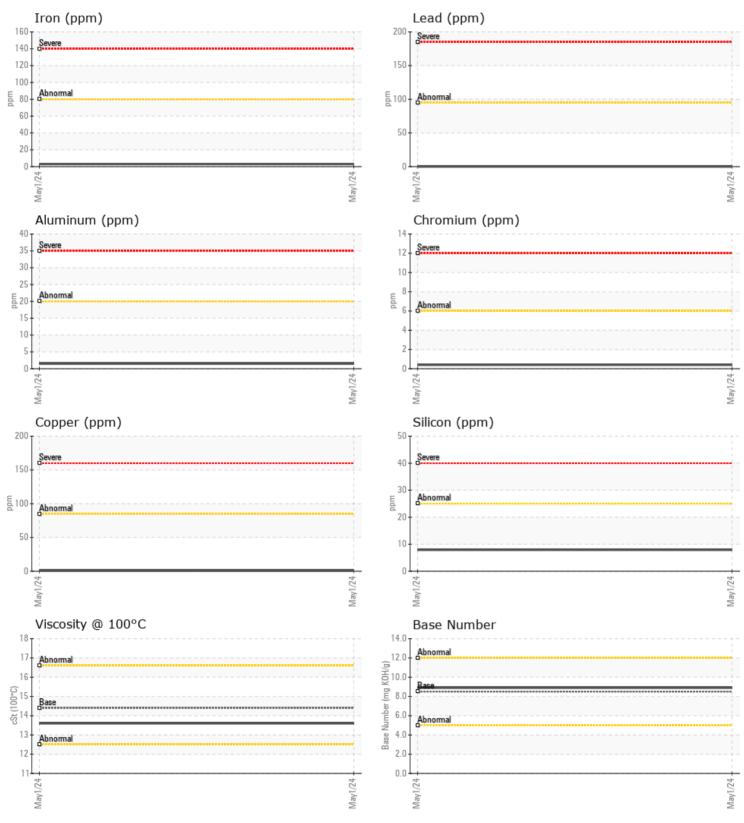
Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.



OIL ANALYSIS REPORT



GRAPHS



Report Id: VPJOHDEE [WUSCAR] 06168067 (Generated: 05/08/2024 10:03:15) Rev: 1

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