OIL ANALYSIS REPORT

VOLVO PENTA S593834 (S/N A593834) - DIESEL ENGINE

Sample No: VPA051176

Oil Type: VOLVO PENTA SAE 15W40

SAMPLE INFORMATION Sample Number VPA051176 12 Feb 2024 Sample Date Machine Hours 342 **Oil Hours** 0 Oil Changed Not Changd NORMAL Sample Status **OIL CONDITION** F: Visc @ 100°C cSt 14.3 Base Number (BN) mg KOH/g 8.7 Oxidation (PA) % 63 CONTAMINATION % NEG Water % Soot % 0.1 Nitration (PA) % 45 % Sulfation (PA) 55 Glycol % NEG Fuel % <1.0 Silicon 6 ppm Sodium 1 ppm Potassium 6 🔲 ppm WEAR METALS 10 Iron ppm 2 Copper ppm Lead ppm 1 🗌 Tin ■ <1 ppm Aluminum ppm 2 Chromium <1 ppm **10** Molybdenum ppm Nickel **||** <1 ppm Titanium ppm **||** <1 0 Silver ppm Manganese 0 🔲 ppm Vanadium ppm <1 **ADDITIVES** Calcium 2067 ppm Magnesium 161 ppm Zinc ppm 1222 Phosphorus ppm 1016 Barium 0 ppm Boron ppm 179

 Depot:
 VP1298996

 Unique No:
 10886293

 Signed:
 Doug Bogart

 Report Date:
 20 Feb 2024

Contact/Location: Service Manager - VP1298996



FULL KEEL MARINE SERVICES 314 LEGION AVE ANNAPOLIS, MD US 21401 Contact: Service Manager FULLKEELMARINESERIVES@GMAIL.COM T: (410)507-3542

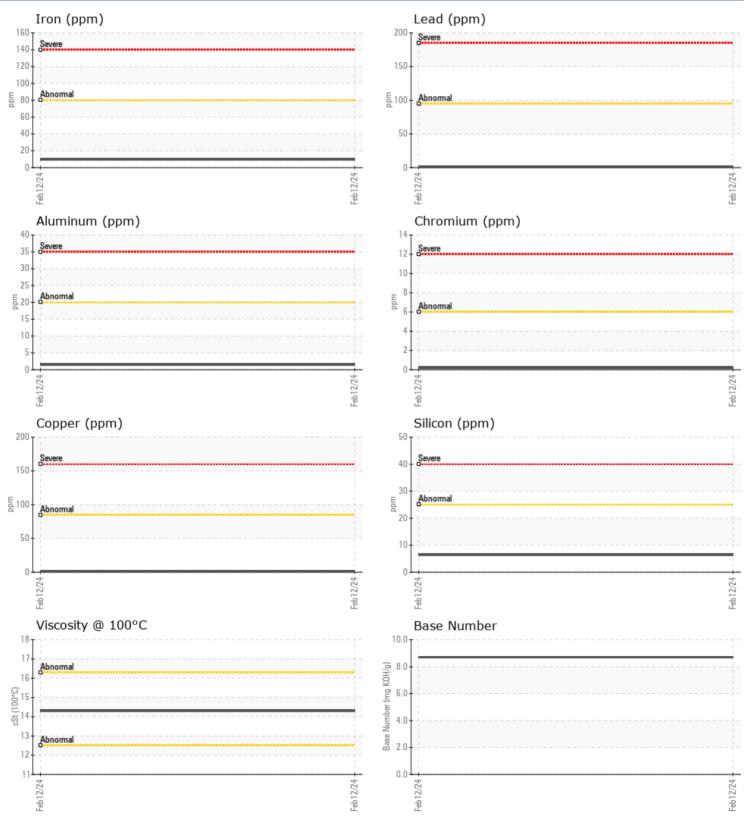
Diagnosis

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



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Contact/Location: Service Manager - VP1298996