## **OIL ANALYSIS REPORT**

### SPENCER LLOYD 01-80184 VOLVO PENTA 70112041048 - DIESEL ENGINE

Sample No: VPA041421

Oil Type: VOLVO VDS-4.5 Premium Motor Oil 15W40

#### SAMPLE INFORMATION VPA041421 Sample Number Sample Date 30 Apr 2024 Machine Hours 100 DO NOT USE, FL **Oil Hours** 100 US 32211-5226 Oil Changed Changed ABNORMAL Sample Status Т٠ **OIL CONDITION** F٠ Visc @ 100°C cSt 11.0 Base Number (BN) mg KOH/g 6.4 Diagnosis Oxidation (PA) % 99 CONTAMINATION Water % NEG % Soot % 0.7 Nitration (PA) % 65 Sulfation (PA) % 61 Glycol % NEG Fuel % 0.7 Silicon ppm Sodium **4** ppm Potassium 6 🔲 ppm WEAR METALS Iron 8 ppm 61 Copper ppm Lead ppm 2 Tin 2 ppm Aluminum ppm 4 Chromium <1 ppm 82 Molybdenum ppm Nickel ■ <1</p> ppm Titanium ppm 0 🔲 Silver ■ <1 ppm Manganese 2 ppm Vanadium ppm 0 **ADDITIVES** Calcium 2242 ppm 161 Magnesium ppm Zinc ppm 1271 Phosphorus ppm 1119 Barium 0 ppm Boron ppm 62 Depot: Unique No:

### VOLVO PE<u>NTA</u>

Fordham Marine Services Inc 1336 University Blvd N DO NOT USE, FL US 32211-5226 Contact: Nelson Beau Fordham Jr beaufordham@aol.com T:

Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor.All component wear rates are normal. Fuel content negligible. Elemental level of silicon (Si) above normal indicating ingress of seal material. The oil viscosity is lower than normal. The BN result indicates that there is suitable alkalinity remaining in the oil. Confirm oil type.

 Depot:
 VP152512

 Unique No:
 11018392

 Signed:
 Don Baldridge

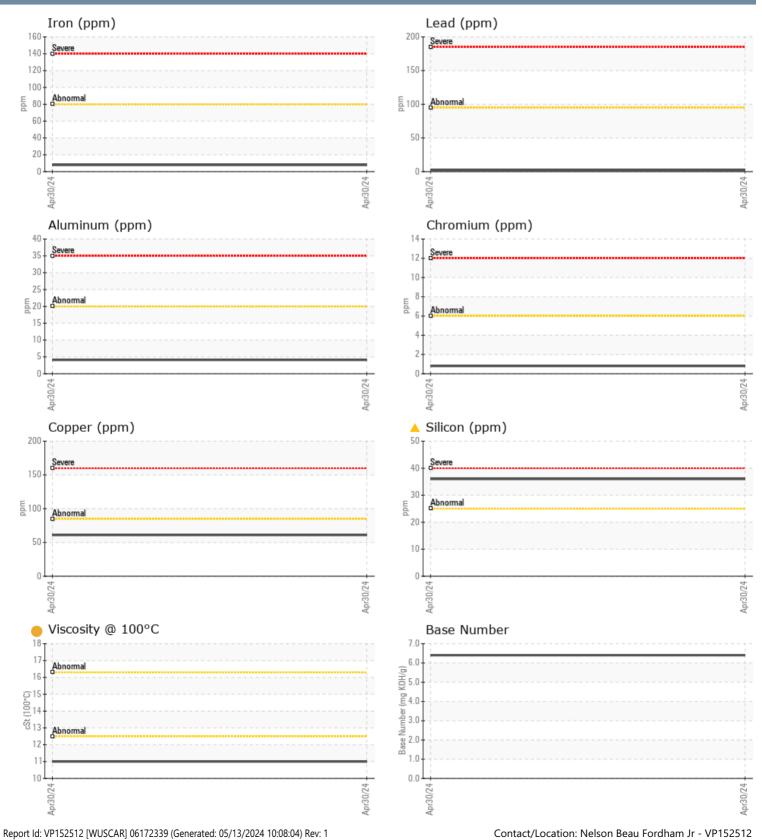
 Report Date:
 13 May 2024

Contact/Location: Nelson Beau Fordham Jr - VP152512

# **OIL ANALYSIS REPORT**



#### GRAPHS



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