OIL ANALYSIS REPORT

VOLVO PENTA

VOLVO PENTA 10132222706 - 1 MAIN ENGINE

Sample No: VPA057209

Oil Type: VOLVO PENTA SAE 15W40

SAMPLE INFORMATION VPA057209 Sample Number Sample Date 06 Apr 2024 Machine Hours 419 419 **Oil Hours** Oil Changed Changed NORMAL Sample Status **OIL CONDITION** Visc @ 100°C 12.4 cSt Base Number (BN) mg KOH/g 9.2 Oxidation (PA) % 80 CONTAMINATION % NEG Water % Soot % 0.2 Nitration (PA) % 55 % Sulfation (PA) 60 Glycol % NEG Fuel % <1.0 Silicon 30 ppm Sodium 3 ppm Potassium 6 🔲 ppm WEAR METALS 16 Iron ppm 6 Copper ppm Lead ppm **||** < 1 Tin ■ <1 ppm Aluminum ppm 3 Chromium <1 ppm 46 Molybdenum ppm Nickel 0 ppm Titanium ppm 0 🔲 Silver 0 ppm Manganese 1 ppm Vanadium ■ <1 ppm **ADDITIVES** Calcium 1679 ppm 382 Magnesium ppm Zinc ppm 1019 888 Phosphorus ppm Barium 0 🔲 ppm Boron ppm 52

WINDSERVE MARINE

10 MACNAUGHT ST NORTH KINGSTOWN, RI US 02852 Contact: Ryan Linn RyanL@windservemarine.com T: F:

Diagnosis

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.Metal levels are typical for a new component breaking in. 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:
 VPSENNOR

 Unique No:
 10981634

 Signed:
 Jonathan Hester

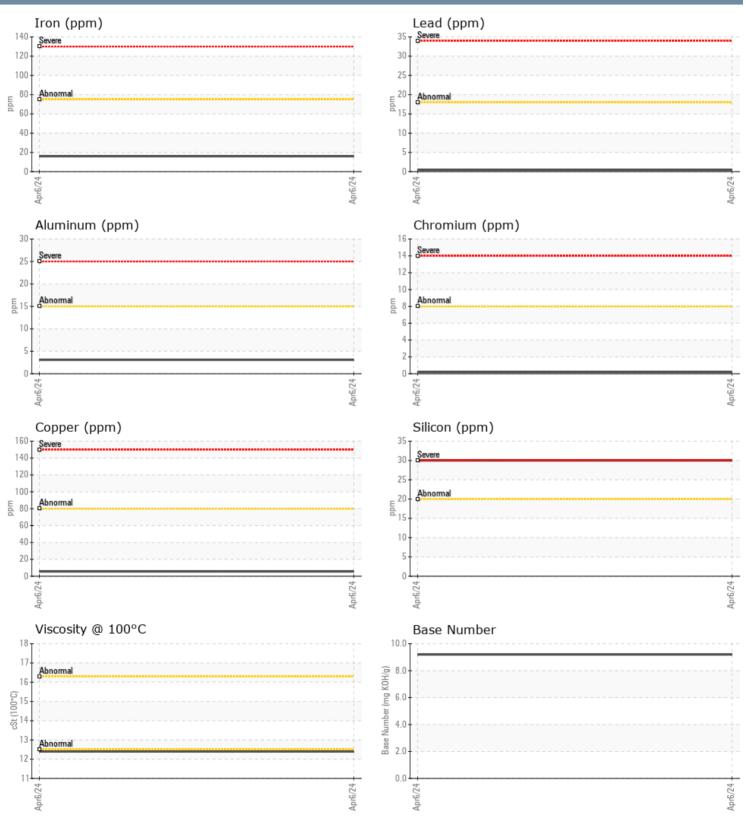
 Report Date:
 19 Apr 2024

Contact/Location: Ryan Linn - VPSENNOR

OIL ANALYSIS REPORT



GRAPHS



Report Id: VPSENNOR [WUSCAR] 06151556 (Generated: 04/19/2024 18:35:31) Rev: 1

Contact/Location: Ryan Linn - VPSENNOR