OIL ANALYSIS REPORT

JON BRADEN GREG E. ONAN D170173069 - CENTER GENSET

Sample No: VPA058510

Oil Type: VOLVO PENTA SAE 15W40

SAMPLE INFORMATION VPA058510 VPA042046 Sample Number Sample Date 19 Jun 2024 21 Jun 2023 Machine Hours 736 530 **Oil Hours** 233 120 Oil Changed Changed Changed NORMAL Sample Status NORMAL **OIL CONDITION** 13.1 Visc @ 100°C 12.5 cSt Base Number (BN) mg KOH/g 8.8 10.3 Oxidation (PA) % 68 58 CONTAMINATION % NEG Water NFG % Soot % 0.1 0.1 Nitration (PA) % 67 48 Sulfation (PA) % 52 52 NEG Glycol % NFG Fuel % <1.0 <1.0 Silicon 7 9 ppm Sodium 3 3 ppm Potassium 1 2 ppm WEAR METALS Iron 4 4 ppm 3 1 Copper ppm Lead ppm 0 0 Tin 0 0 ppm Aluminum < 1</p> ppm 2 Chromium <1 0 ppm 46 Molybdenum 56 ppm Nickel 0 0 ppm Titanium ppm 0 0 Silver ppm 0 0 Manganese 0 🔲 < 1 ppm Vanadium 0 ppm 0 **ADDITIVES** Calcium 1047 ■1099 ppm Magnesium 773 964 ppm Zinc ppm 873 1249 Phosphorus ppm 707 1027 Barium 0 0 ppm Boron ppm 30 3

Unique No: 11110436 Signed: Don Baldridge Report Date: 05 Jul 2024 Contact/Location: xx60068 - RICK HERNY - VP648685

Depot:

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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.

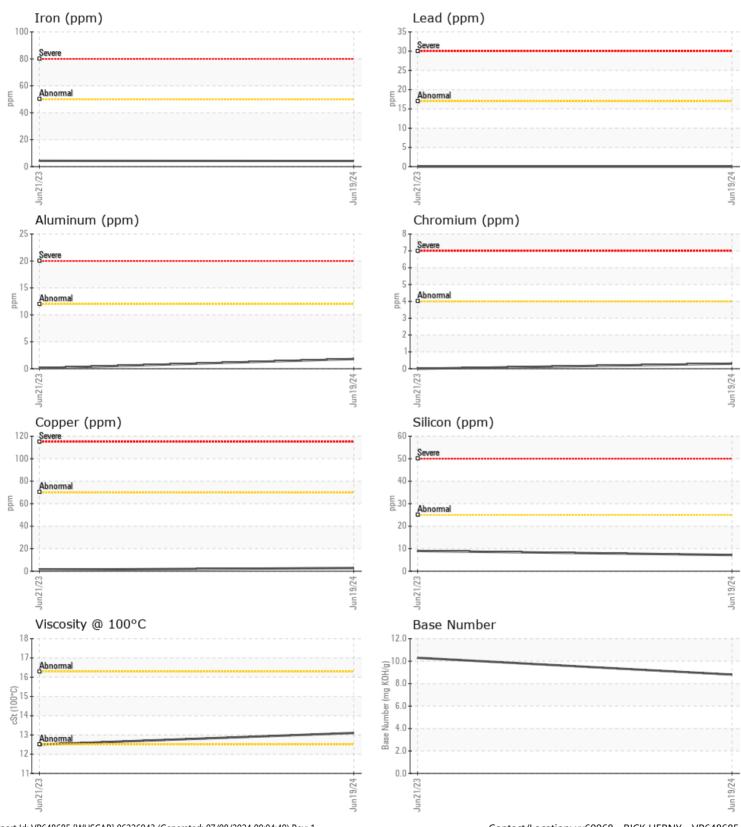
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GRAPHS



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