## **OIL ANALYSIS REPORT**

## VOLVO PENTA

## ONAN H190615855 - INDUSTRIAL - GENSET

Sample No: VPA051964

Oil Type: CHEVRON DELO 400 MULTIGRADE 15W40

#### SAMPLE INFORMATION VPA051964 Sample Number Sample Date 01 Nov 2023 Machine Hours 105 **Oil Hours** 105 Oil Changed Not Changd NORMAL Sample Status **OIL CONDITION** F: 13.2 Visc @ 100°C cSt Base Number (BN) mg KOH/g 9.3 Oxidation (PA) % 63 CONTAMINATION Soot % % 0.1 % Nitration (PA) 62 Sulfation (PA) % 51 % Glycol NEG Fuel % <1.0 Silicon ppm 13 Sodium 8 🔲 ppm Potassium 1 ppm WEAR METALS Iron ppm 6 15 Copper ppm Lead ppm <1 Tin ■ <1 ppm Aluminum 2 ppm Chromium **|** <1 ppm Molybdenum 38 ppm Nickel ■ <1 ppm Titanium **||** <1 ppm Silver ppm 0 🔲 Manganese 2 ppm Vanadium 0 ppm **ADDITIVES** Calcium 1764 ppm Magnesium 518 ppm Zinc ppm 1135 Phosphorus ppm 945 Barium ppm 2 Boron ppm 61

SEATECH MARINE

98 TRINIDAD DR TIBURON, CA US 94920 Contact: JASON FELIX jfelixseatech@gmail.com T: (510)314-7641 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 acceptable for the time in service.

 Depot:
 VPSEATIB

 Unique No:
 10743027

 Signed:
 Don Baldridge

 Report Date:
 19 Nov 2023

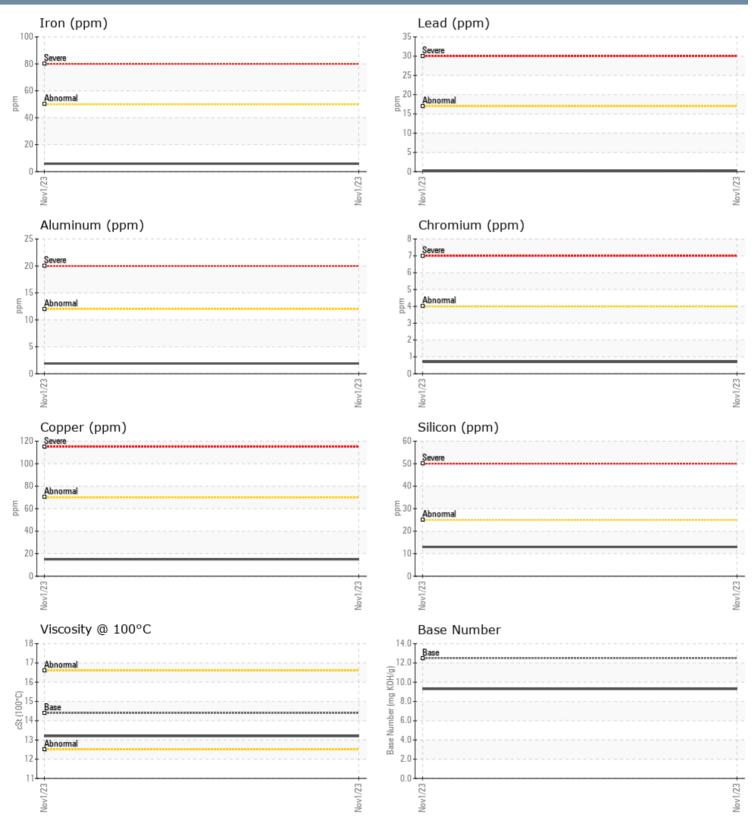
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Contact/Location: JASON FELIX - VPSEATIB

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### GRAPHS



Contact/Location: JASON FELIX - VPSEATIB