# **OIL ANALYSIS REPORT**

## VOLVO PENTA

## SMITTO PF KOHLER KOHLER 13EOZD (S/N NOT GIVEN) - GENSET

Sample No:

le No: VPA056597

Oil Type: DIESEL ENGINE OIL SAE 40

#### SAMPLE INFORMATION VPA056597 Sample Number Sample Date 18 Mar 2024 Machine Hours 975 2 **Oil Hours** Oil Changed N/A NORMAL Sample Status **OIL CONDITION** Visc @ 100°C cSt 14.6 Base Number (BN) mg KOH/g 8.2 Oxidation (PA) % 64 CONTAMINATION NEG Water % % Soot % 0 Nitration (PA) % 45 % Sulfation (PA) 55 Glycol % NEG Fuel % <1.0 Silicon 5 ppm Sodium 2 ppm Potassium 4 ppm WEAR METALS Iron 3 ppm **||** <1 Copper ppm Lead ppm **||** < 1 Tin 0 ppm Aluminum ppm 2 Chromium **|** <1 ppm 4 Molybdenum ppm 0 🔲 Nickel ppm Titanium ppm **||** <1 0 Silver ppm Manganese 0 🔲 ppm Vanadium ppm <1 **ADDITIVES** Calcium 2080 ppm Magnesium 99 ppm Zinc ppm 1189 Phosphorus ppm 956 Barium 0 🔲 ppm Boron ppm 225

**MAKO MARINE** 

117 HUDSON AVE FREEPORT, NY US 11520 Contact: PAUL FLOOD makomarine@optonline.net T: (516)378-7331 F: x:

### 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.

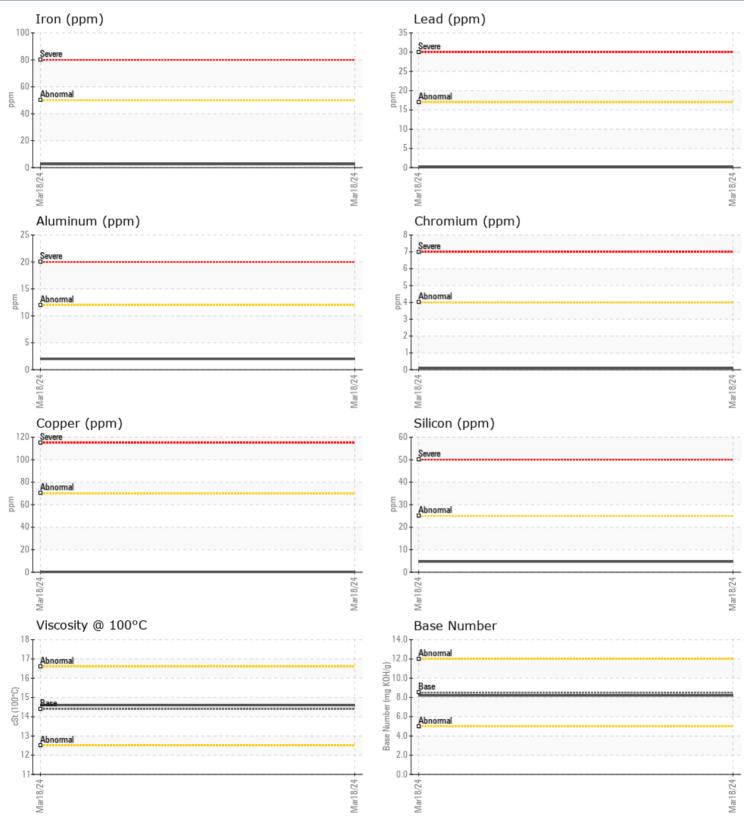
Depot: Vinique No: Signed: A Report Date: 2

VP1134331 10940390 Angela Borella 26 Mar 2024

# **OIL ANALYSIS REPORT**



### GRAPHS



Report Id: VP1134331 [WUSCAR] 06126239 (Generated: 03/26/2024 09:24:05) Rev: 1

Contact/Location: PAUL FLOOD - VP1134331