## **OIL ANALYSIS REPORT**

## BILL REID 1610055 KOHLER BILL REID - PORT GENSET

Sample No: VPA054314

Oil Type: DIESEL ENGINE OIL SAE 40

#### SAMPLE INFORMATION VPA054314 Sample Number Sample Date 25 Mar 2024 Machine Hours 16 0 **Oil Hours** Oil Changed N/A ATTENTION Sample Status **OIL CONDITION** F: Visc @ 100°C 14.4 cSt Base Number (BN) mg KOH/g 8.2 Oxidation (PA) % 60 CONTAMINATION % NEG Water % Soot % 0.1 Nitration (PA) % 48 % Sulfation (PA) 52 Glycol % NEG Fuel % <1.0 Silicon 47 ppm Sodium 4 ppm Potassium 2 ppm WEAR METALS Iron 5 ppm 2 Copper ppm Lead ppm 0 Tin 0 ppm Aluminum ppm 2 Chromium 0 ppm Molybdenum ppm 39 Nickel 0 ppm Titanium ppm 0 🔲 Silver 0 ppm Manganese 1 ppm Vanadium ppm <1 **ADDITIVES** Calcium 1498 ppm Magnesium 618 ppm Zinc ppm 1084 Phosphorus ppm 890 Barium 0 ppm Boron ppm 289 Depot:

 Depot:
 VP99031103

 Unique No:
 10956673

 Signed:
 Don Baldridge

 Report Date:
 05 Apr 2024

Contact/Location: PAT RYAN - VP99031103

#### Page 1 of 2



Pacific Power Group - VP981534 7215 S 228th St Kent, WA US 98032 Contact: PAT RYAN pryan@pacificpowergroup.com T: (253)520-5163 E.

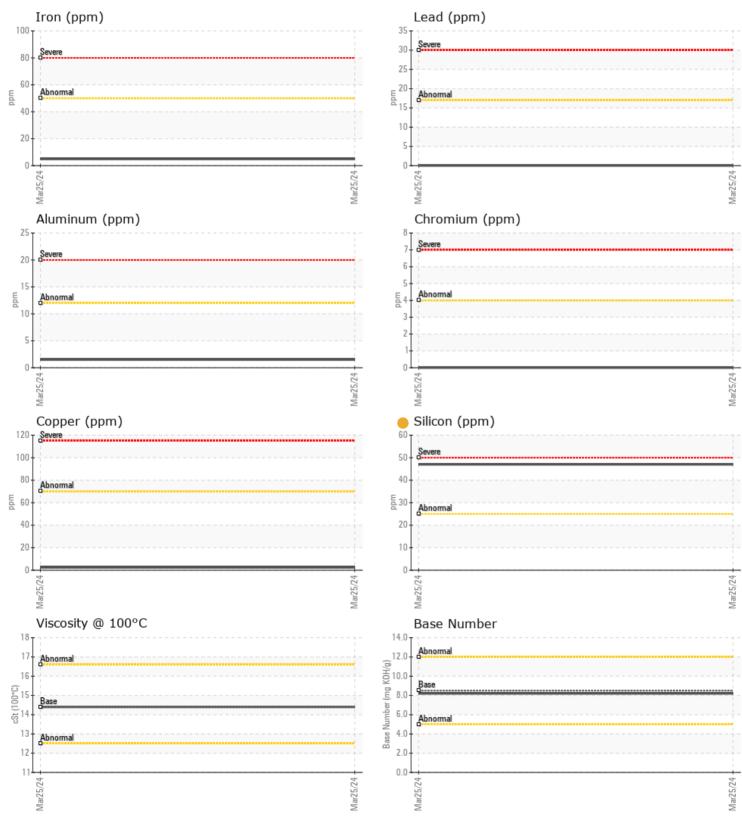
### Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor.All component wear rates are normal. Elemental level of silicon (Si) above normal indicating ingress of seal material. 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.

# **OIL ANALYSIS REPORT**



### GRAPHS



Report Id: VP99031103 [WUSCAR] 06137208 (Generated: 04/05/2024 12:26:06) Rev: 1

Contact/Location: PAT RYAN - VP99031103