## **OIL ANALYSIS REPORT**

### SEA CAT III ONAN 13KW E100123361 - CENTER GENSET

Sample No: \

VPA057267

Oil Type:

TOTAL 15W40

#### SAMPLE INFORMATION VPA057267 Sample Number Sample Date 19 Feb 2024 Machine Hours 1959 **Oil Hours** 0 Oil Changed Not Changd NORMAL Sample Status **OIL CONDITION** Visc @ 100°C cSt 12.73 Base Number (BN) mg KOH/g 9.3 Oxidation (PA) % 53 CONTAMINATION NEG Water % % Soot % 0 Nitration (PA) % 41 Sulfation (PA) % 50 Glycol % NEG Fuel % <1.0 Silicon 5 ppm Sodium 0 🔲 ppm Potassium 0 ppm WEAR METALS Iron 0 🔲 ppm 0 Copper ppm Lead 0 🔲 ppm Tin 0 ppm Aluminum **||** < 1 ppm Chromium <1 ppm Molybdenum 52 ppm Nickel 0 ppm Titanium ppm 0 Silver ppm 0 Manganese 0 ppm Vanadium 0 ppm **ADDITIVES** Calcium 989 ppm 869 Magnesium ppm Zinc ppm 1193 1005 Phosphorus ppm 0 Barium ppm Boron ppm 9

VOLVO PENTA

MARINE DIESEL SERVICES INC

1711 WHITTIER AVE, SUITE B COSTA MESA, CA US 92627 Contact: BEN ALMAZAN marinedieselservices@outlook.com,BEN@MARINEDIESELSERVICE.COM T: (949)612-8180 F: x:

#### Diagnosis

No corrective action is recommended at this time. 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:
 VP288530

 Unique No:
 10887536

 Signed:
 Doug Bogart

 Report Date:
 20 Feb 2024

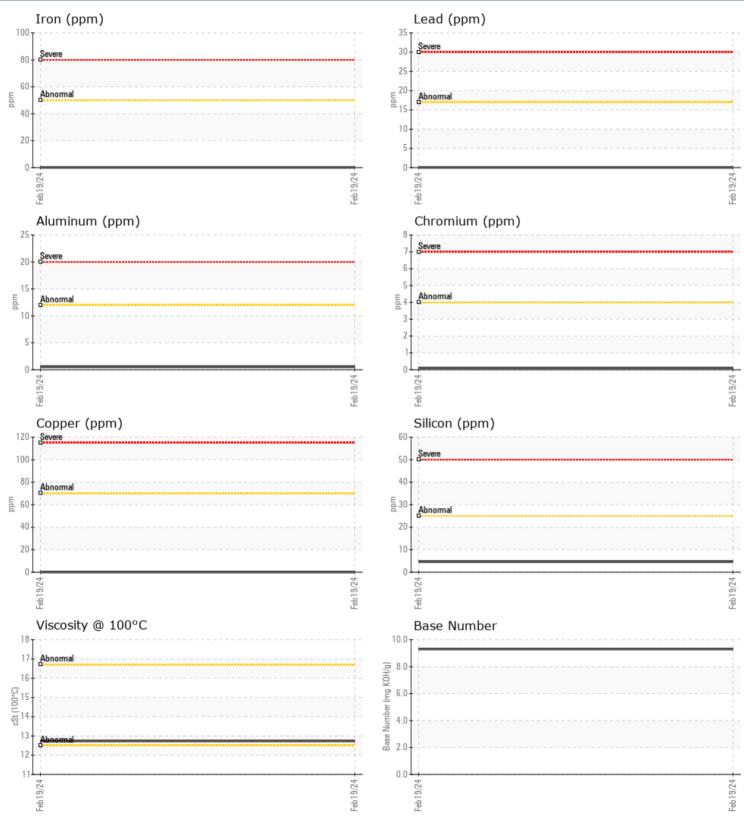
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Contact/Location: BEN ALMAZAN - VP288530

# **OIL ANALYSIS REPORT**



#### GRAPHS



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Contact/Location: BEN ALMAZAN - VP288530