OIL ANALYSIS REPORT



HORSMAN ONAN H170221362 - GENSET

Sample No: VPA049876

Oil Type: SHELL ROTELLA T 15W40

SAMPLE INFORMATION VPA049876 Sample Number Sample Date 15 Mar 2024 Machine Hours 778 **Oil Hours** 66 Oil Changed Changed NORMAL Sample Status **OIL CONDITION** Visc @ 100°C cSt 14.3 Base Number (BN) mg KOH/g 8.7 Oxidation (PA) % 63 CONTAMINATION % Water NEG % Soot % 0.1 Nitration (PA) % 48 % Sulfation (PA) 55 Glycol % NEG Fuel % <1.0 Silicon 6 ppm Sodium 2 ppm Potassium 8 🔲 ppm WEAR METALS 4 Iron ppm 2 Copper ppm Lead ppm **||** < 1 Tin ■ <1 ppm Aluminum ppm 2 Chromium <1 ppm Molybdenum ppm 2 Nickel ■ <1 ppm Titanium ppm <1 0 Silver ppm Manganese **||** <1 ppm Vanadium ppm <1 **ADDITIVES** Calcium 2154 ppm Magnesium 33 ppm Zinc ppm 1146 1006 Phosphorus ppm Barium 0 ppm Boron ppm 187

YACHT BASIN MARINA

1866 OTTAWA BEACH RD HOLLAND, MI US 49424 Contact: OIL SAMPLE/PART kyle@yachtbasinmarina.com T: (616)786-2205 F:

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:
 VP718610

 Unique No:
 10937595

 Signed:
 Don Baldridge

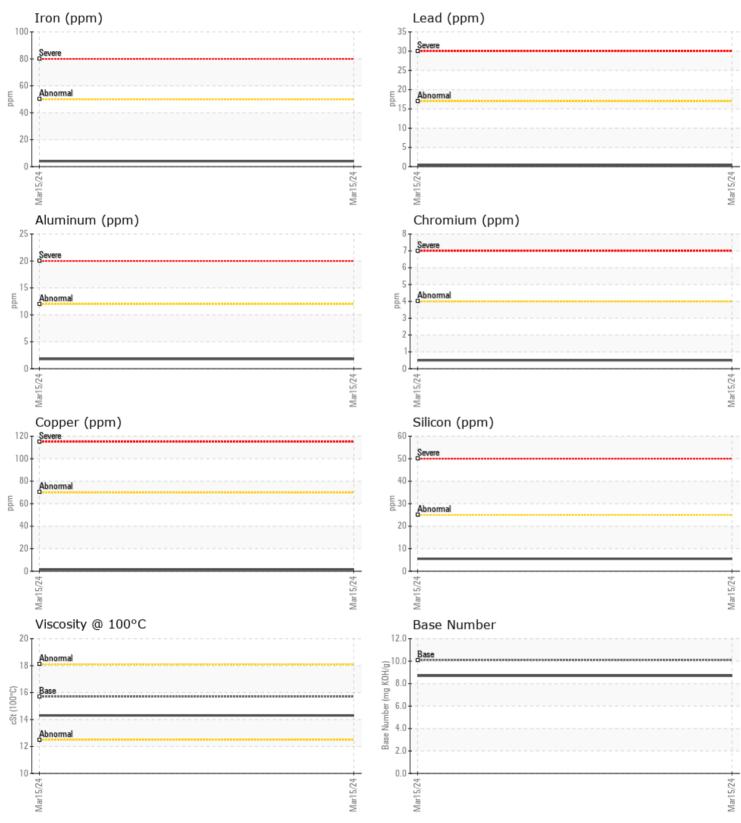
 Report Date:
 22 Mar 2024

Contact/Location: OIL SAMPLE/PART - VP718610

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GRAPHS



Report Id: VP718610 [WUSCAR] 06123444 (Generated: 03/22/2024 14:18:01) Rev: 1

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