OIL ANALYSIS REPORT

ONAN ONAN 13.5MDKDN-8140A (S/N NOT GIVEN) - GENSET

Sample No: VPA058029

Oil Type: DIESEL ENGINE OIL SAE 15W40

SAMPLE INFORMATION VPA058029 Sample Number SUNCOAST DIESEL MARINE Sample Date 03 Apr 2024 Machine Hours 0 0 **Oil Hours** Oil Changed N/A NORMAL Sample Status **OIL CONDITION** F: Visc @ 100°C cSt 13.38 Base Number (BN) mg KOH/g 10.1 Oxidation (PA) % 55 CONTAMINATION % NEG Water % Soot % 0.5 Nitration (PA) % 51 % Sulfation (PA) 52 Glycol % NEG Fuel % <1.0 Silicon 2 ppm Sodium 1 ppm Potassium 2 ppm WEAR METALS 11 Iron ppm **4** Copper ppm Lead ppm 3 Tin ■ <1 ppm Aluminum ppm 2 Chromium ppm 0 Molybdenum 57 ppm Nickel 1 ppm Titanium ppm 0 🔲 Silver 0 ppm Manganese <1 ppm Vanadium ppm <1 **ADDITIVES** Calcium 1060 ppm Magnesium 960 ppm Zinc ppm 1263 Phosphorus ppm 1093 Barium 0 ppm Boron ppm 8 Depot:

Unique No: 10965277 Signed: Doug Bogart **Report Date:** 05 Apr 2024 Contact/Location: SERVICE MANAGER - VP705283

6341 PORTER ROAD, SUITE 6

SARASOTA, FL US 34240 Contact: SERVICE MANAGER info@suncoastdmi.com T: (941)342-0033

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 suitable for further service.

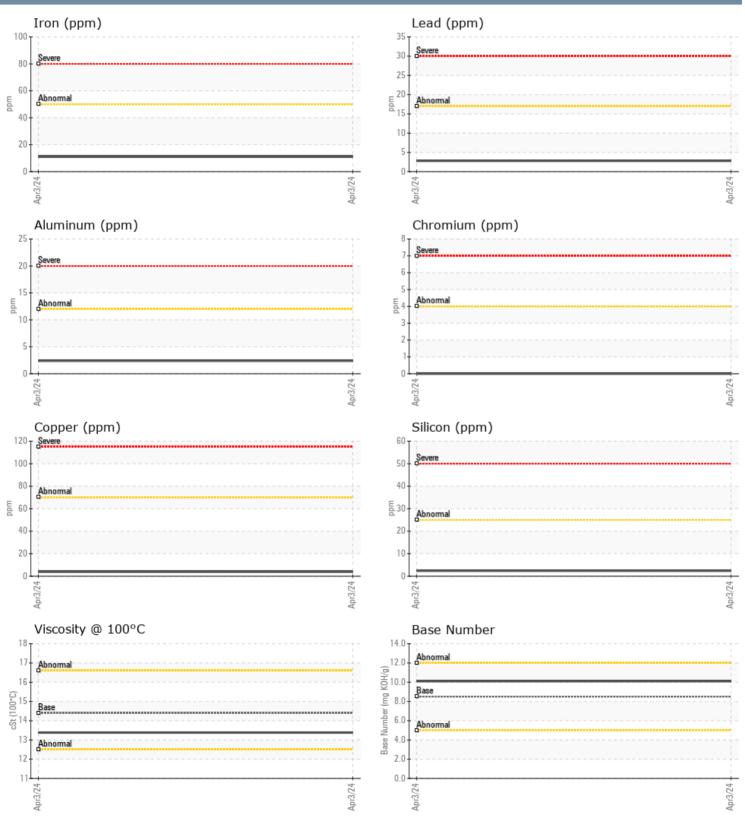


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GRAPHS



Contact/Location: SERVICE MANAGER - VP705283