OIL ANALYSIS REPORT

AUTO WORLD 354004 ONAN C120314477 - GENSET

Sample No: VPA055575

Oil Type: DIESEL ENGINE OIL SAE 40

SAMPLE INFORMATION VPA055575 Sample Number **Skipper Marine of Ohio, LLC** Sample Date 30 Jan 2024 6801 E. Harbor Rd. Machine Hours 0 MARBLEHEAD, OH 0 **Oil Hours** US 43440 Oil Changed Changed Contact: D LAKE NORMAL Sample Status dlake@skipperbuds.com **OIL CONDITION** T: F: Visc @ 100°C cSt 13.1 Base Number (BN) mg KOH/g 5.5 Diagnosis Oxidation (PA) % 165 Resample at the next service interval CONTAMINATION to monitor.All component wear rates are normal. There is no indication of % NEG Water any contamination in the oil. The BN % Soot % 0.1 result indicates that there is suitable Nitration (PA) % 65 alkalinity remaining in the oil. The condition of the oil is acceptable for % Sulfation (PA) 97 the time in service. Glycol % NEG Fuel % <1.0 Silicon 9 ppm Sodium **||** <1 ppm Potassium 1 ppm WEAR METALS Iron 7 ppm **||** <1 Copper ppm Lead ppm **||** < 1 Tin ■ <1 ppm Aluminum ppm 3 Chromium 0 ppm Molybdenum 48 ppm Nickel 0 🔲 ppm Titanium ppm 0 🔲 Silver 0 ppm Manganese **||** < 1 ppm Vanadium ppm 0 **ADDITIVES** Calcium 1016 ppm Magnesium 856 ppm Zinc ppm 1192 Phosphorus ppm 1017 Barium 0 🔲 ppm Boron ppm 123



 Depot:
 VP494046

 Unique No:
 10860014

 Signed:
 Don Baldridge

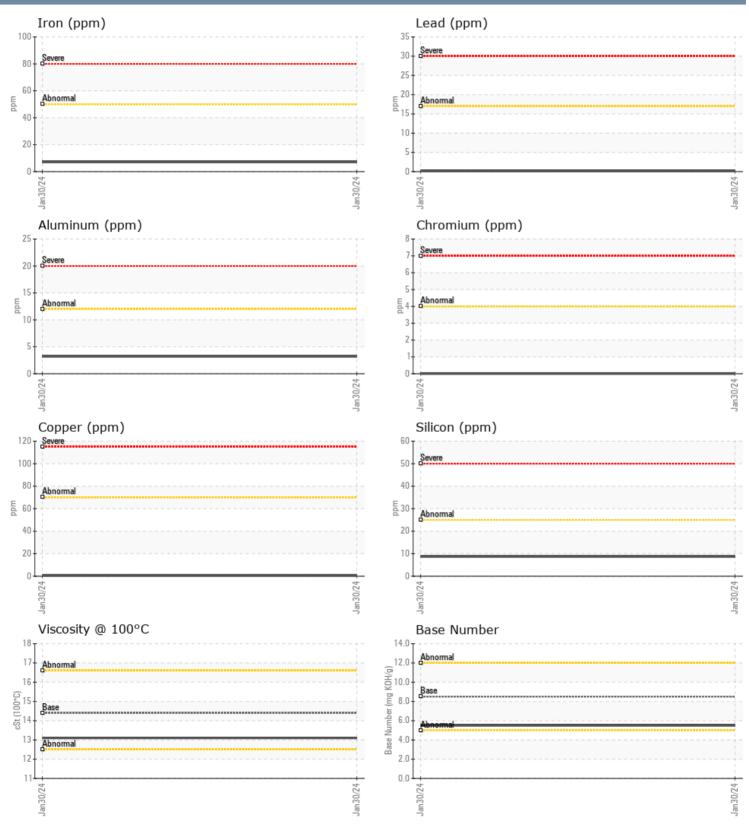
 Report Date:
 05 Feb 2024

Contact/Location: D LAKE - VP494046

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GRAPHS



Report Id: VP494046 [WUSCAR] 06077923 (Generated: 02/05/2024 10:30:26) Rev: 1

Contact/Location: D LAKE - VP494046