OIL ANALYSIS REPORT

STEVE MARTEN 505526 ONAN G050809667 - GENSET

Sample No: VPA048819

Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

SAMPLE INFORMATION VPA048819 Sample Number Jefferson Beach Yacht Sales Inc Sample Date 14 Sep 2023 24400 Jefferson Ave. Machine Hours 747 **Oil Hours** 0 Oil Changed Changed NORMAL Sample Status **OIL CONDITION** F: 12.8 Visc @ 100°C cSt Base Number (BN) mg KOH/g 10.8 Oxidation (PA) % 61 CONTAMINATION Soot % % 0 🔲 % Nitration (PA) 52 Sulfation (PA) % 57 % Glycol NEG Fuel % <1.0 Silicon ppm 5 Sodium 3 ppm Potassium ppm **||** <1 WEAR METALS Iron ppm 3 1 Copper ppm Lead ppm <1 Tin ■ <1 ppm Aluminum ppm 2 Chromium **||** < 1 ppm Molybdenum 61 ppm Nickel 0 ppm Titanium 3 ppm 0 Silver ppm Manganese **||** <1 ppm Vanadium <1 ppm **ADDITIVES** Calcium 1080 ppm Magnesium 956 ppm 1264 Zinc ppm Phosphorus ppm 1043 Barium ppm 0 Boron ppm 0 Depot:

VP297371 Unique No: 10656953 Signed: Jonathan Hester **Report Date:** 21 Sep 2023

SAINT CLAIR SHORES, MI US 48080 Contact: DENNIS BUTT dbutt@jbys.com T: (866)490-5297

Diagnosis

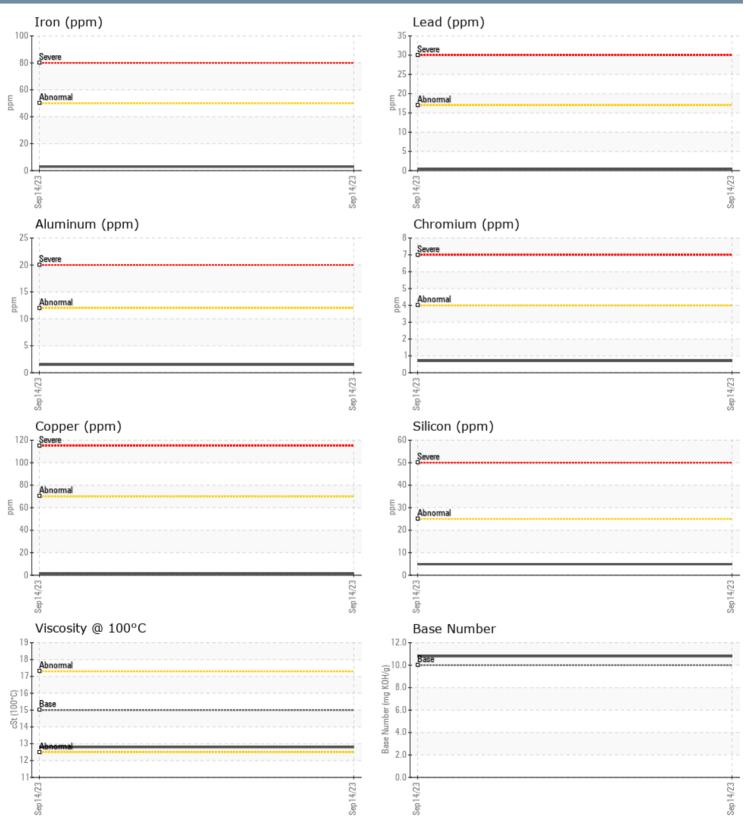
Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.



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GRAPHS



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