OIL ANALYSIS REPORT

VOLVO PENTA A907488 - STARBOARD DIESEL ENGINE

Sample No: VPA058573

Oil Type: DIESEL ENGINE OIL SAE 15W40

SAMPLE INFORMATION VPA058573 Sample Number JOHNSTONS MARINE SERVICES Sample Date 27 Mar 2024 1850 NW 15th AVENUE, SUITE 205 Machine Hours 594 POMPANO BEACh, FL **Oil Hours** 0 US 33069 Oil Changed Not Changd Contact: NEIL JOHNSTON Sample Status ATTENTION neil@1jms.com T: (984)448-0813 **OIL CONDITION** F: Visc @ 100°C 11.8 cSt Base Number (BN) mg KOH/g 8.7 Diagnosis Oxidation (PA) % 71 No corrective action is recommended CONTAMINATION at this time. Resample at the next service interval to monitor.Metal % Water NEG levels are typical for a new % Soot % 0.3 component breaking in. Fuel content Nitration (PA) % 82 negligible. There is no indication of any contamination in the oil. The oil Sulfation (PA) % 55 viscosity is lower than normal. The Glycol % NEG BN result indicates that there is Fuel % 1.0 suitable alkalinity remaining in the oil. Silicon 4 ppm Confirm oil type. Sodium 1 ppm Potassium **||** <1 ppm WEAR METALS Iron 29 ppm 10 Copper ppm Lead ppm 2 Tin 1 ppm Aluminum ppm 5 Chromium <1 ppm 55 Molybdenum ppm Nickel 3 ppm Titanium ppm 0 🔲 Silver 0 ppm Manganese **||** < 1 ppm Vanadium ppm 0 **ADDITIVES** Calcium **1011** ppm 891 🔲 Magnesium ppm Zinc ppm 1208 Phosphorus ppm 987 Barium 0 🔲 ppm Boron ppm 4 Depot:

VPJOHDEE Unique No: 10952481 Signed: Jonathan Hester **Report Date:** 03 Apr 2024

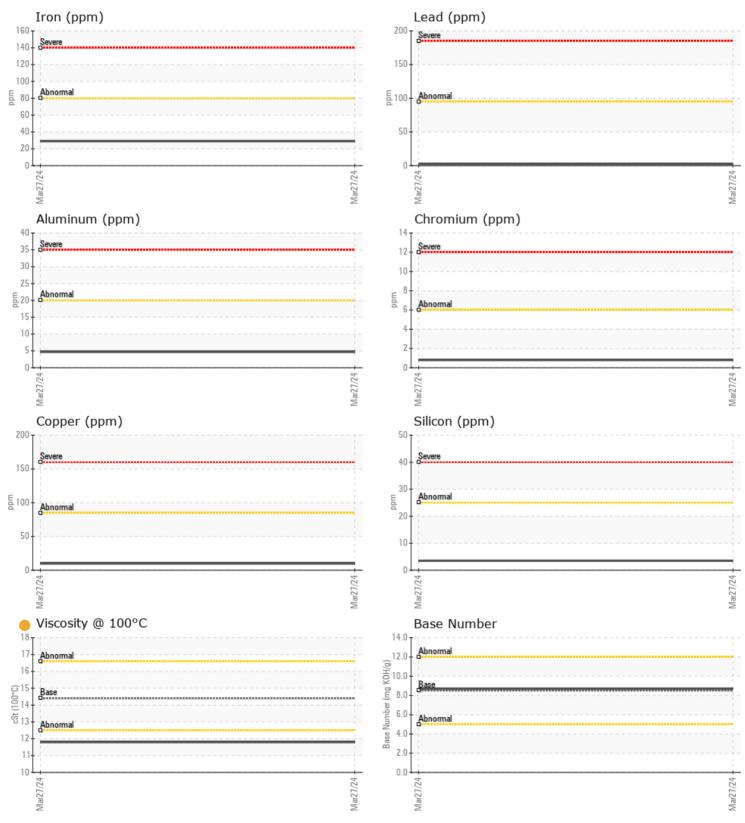
Contact/Location: NEIL JOHNSTON - VPJOHDEE



OIL ANALYSIS REPORT



GRAPHS



Report Id: VPJOHDEE [WUSCAR] 06133016 (Generated: 04/03/2024 09:47:23) Rev: 1

Contact/Location: NEIL JOHNSTON - VPJOHDEE