OIL ANALYSIS REPORT

CHUCK 3950009394 - STARBOARD IPS

Sample No: VPA056371

Oil Type: VOLVO

SAMPLE INFORMATION Sample Number VPA056371 Sample Date 27 Nov 2023 Machine Hours 135 **Oil Hours** 0 Oil Changed Not Changd NORMAL Sample Status **OIL CONDITION** F: Visc @ 40°C cSt 96.4 CONTAMINATION % NEG Water Silicon ppm 11 Sodium 2 ppm Potassium ppm 10 WEAR METALS PO 16 48 Iron ppm Copper ppm 7 Lead <1 ppm Tin <1 ppm 2 Aluminum ppm Chromium ■<1 ppm Molybdenum 1 ppm Nickel ppm **||** <1 Titanium ppm <1 Silver 0 ppm 5 Manganese ppm Vanadium 0 ppm **ADDITIVES** Calcium 60 ppm 939 Magnesium ppm Zinc ppm 4 1613 Phosphorus ppm Barium 0 ppm 577 Boron ppm



ADVANCED YACHT SUPPORT

30197 MATTHEWSTOWN RD EASTON, MD US 21601 Contact: CHUCK EMMONS chuck@advancedyachtsupport.net T:

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 condition of the oil is acceptable for the time in service.

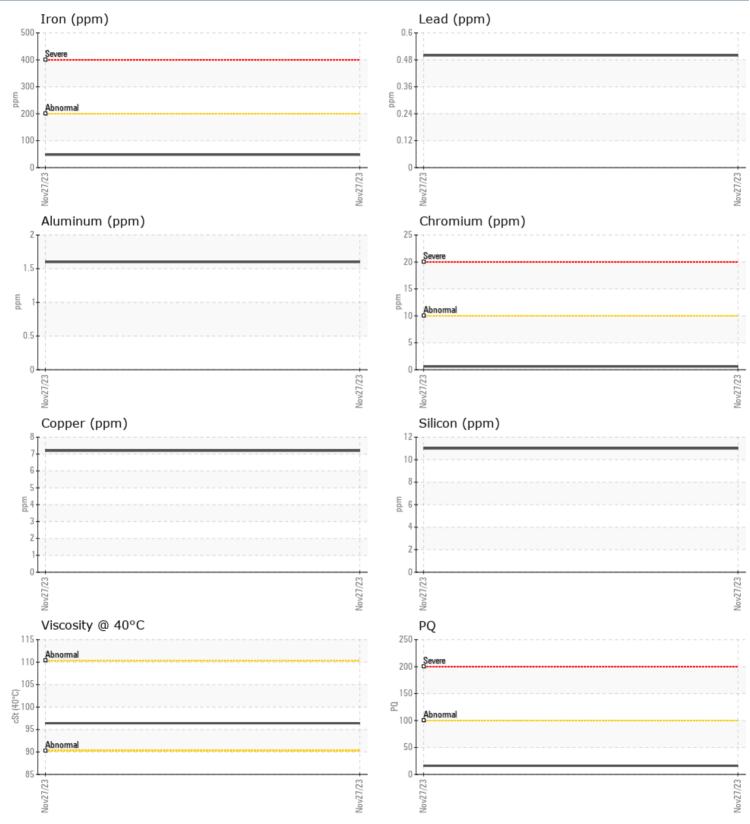
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Depot:	VPADVEAS
Unique No:	10764263
Signed:	Doug Bogart
Report Date:	29 Nov 2023

Contact/Location: CHUCK EMMONS - VPADVEAS

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GRAPHS



Report Id: VPADVEAS [WUSCAR] 06019763 (Generated: 11/29/2023 16:49:07) Rev: 1

Contact/Location: CHUCK EMMONS - VPADVEAS