OIL ANALYSIS REPORT

JACK SIMON TOM ZF 20092553 - INBOARD - PORT GEARBOX

Sample No: VPA056078

Oil Type: KENDALL SUPER-D 3 SAE 30

SAMPLE INFORMATION Sample Number VPA056078 VPA056352 **ADMIRALTY MARINE** Sample Date 29 Sep 2023 06 Sep 2023 Machine Hours 521 510 9 **Oil Hours** 0 Oil Changed Changed Not Changd NORMAL Sample Status SEVERE T: **OIL CONDITION** F: Visc @ 40°C cSt 94.7 82.4 CONTAMINATION Silicon ppm 4 9 Sodium ppm ■ <1 2 Potassium 1 5 ppm WEAR METALS PO 20 22 Iron 10 36 ppm Copper ppm 119 458 Lead ppm 49 172 Tin ppm 11 39 2 7 Aluminum ppm Chromium ppm ■<1 < 1 Molybdenum 5 27 ppm Nickel 0 🔲 0 ppm <1 Titanium ppm <1 Silver 0 ppm 0 Manganese ■ <1 <1 ppm Vanadium 0 0 ppm **ADDITIVES** Calcium 3453 2711 ppm Magnesium 48 36 ppm Zinc ppm 1252 1207 Phosphorus ppm 1086 1046 Barium 0 🔲 0 ppm **17** 29 Boron ppm



2775 KURTZ ST, STE 12 SAN DIEGO, CA US 92110 Contact: Terry Albee TALBEE@ADMIRALTYMARINE.NET

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor.All component wear rates are normal for OEM. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

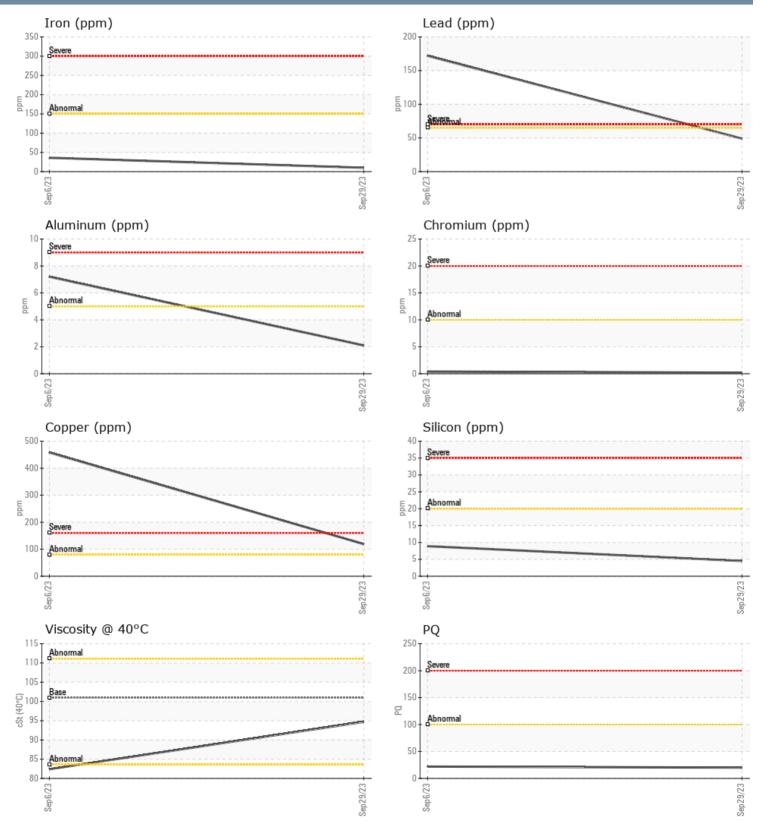
Depot:	VP151529
Unique No:	10673161
Signed:	Doug Bogart
Report Date:	03 Oct 2023

Contact/Location: Terry Albee - VP151529

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GRAPHS



Report Id: VP151529 [WUSCAR] 05966610 (Generated: 10/03/2023 09:30:32) Rev: 1

Contact/Location: Terry Albee - VP151529