OIL ANALYSIS REPORT

1792 TWIN DISC 5JS014 - INBOARD - PORT GEARBOX

Sample No: VPA059243

Oil Type: SHELL ROTELLA T 40

SAMPLE INFORMATION VPA059243 Sample Number 08 Feb 2024 Sample Date Machine Hours 1262 **Oil Hours** 0 Oil Changed Not Changd SEVERE Sample Status **OIL CONDITION** F: Visc @ 40°C cSt 99.6 CONTAMINATION % **0.409** Water Silicon ppm 8 Sodium **44** ppm Potassium ppm ■ <1 WEAR METALS PO 234 816 Iron ppm Copper 1284 ppm Lead 1846 ppm 934 Tin ppm Aluminum ppm 4 Chromium 3 ppm Molybdenum 0 ppm Nickel ppm 🔺 10 Titanium <1 ppm Silver ppm <1 Manganese 9 ppm Vanadium 0 ppm **ADDITIVES** 2071 Calcium ppm Magnesium ppm 315 Zinc ppm 922 Phosphorus ppm 882 Barium ppm 3 Boron 10 ppm



SMART DIESEL SERVICE

102 NW 133RD AVE, UNIT 103 PLANTATION, FL US 33325 Contact: ANDRES GARMENDIA smartdieselservice@gmail.com T: (954)258-8100

Diagnosis

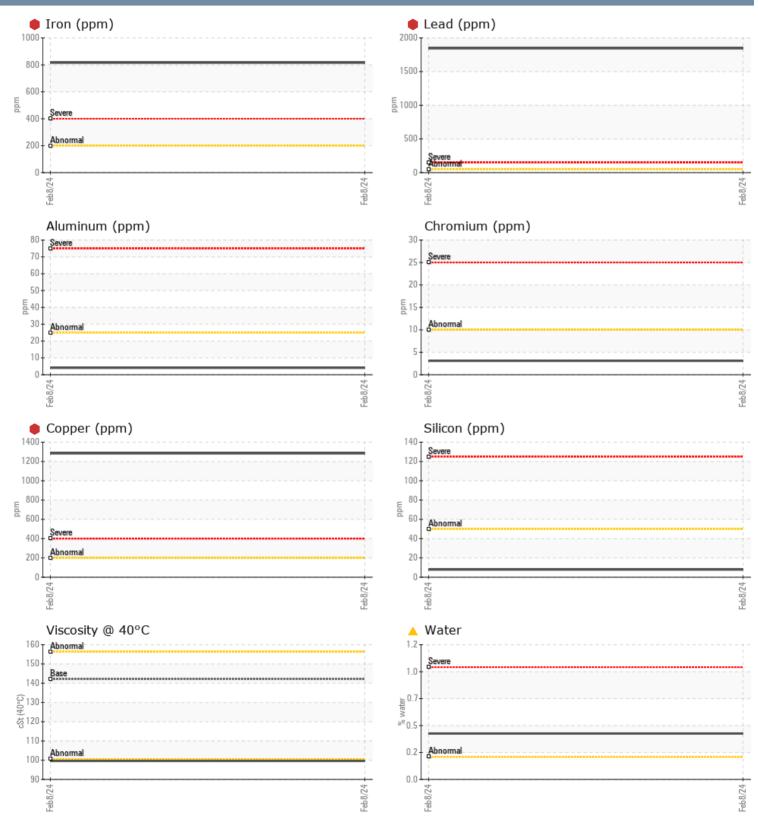
We advise that you check for the source of water entry. We recommend that you drain the oil from the component if this has not already been done. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition.Gear wear is indicated. Clutch and/or bushing/bearing wear is indicated. There is a moderate concentration of water present in the oil. The oil is no longer serviceable due to the presence of contaminants and wear.

Depot:VPSMAPLAUnique No:10873947Signed:Doug BogartReport Date:12 Feb 2024

OIL ANALYSIS REPORT



GRAPHS



Report Id: VPSMAPLA [WUSCAR] 06086502 (Generated: 02/12/2024 16:27:51) Rev: 1

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