OIL ANALYSIS REPORT

CAPTAINS MARINA ZF GEAR 20401701 - INBOARD - PORT GEARBOX

Sample No: VPA029633

Oil Type: MOBIL 15W40

SAMPLE INFORMATION VPA029633 Sample Number Sample Date 03 Jun 2024 Machine Hours 100 **Oil Hours** 100 Oil Changed Changed ABNORMAL Sample Status T: **OIL CONDITION** F: Visc @ 40°C cSt 74.4 CONTAMINATION % **0.220** Water Silicon ppm 5 Sodium 4 ppm Potassium ppm ■ <1 WEAR METALS PO 31 24 Iron ppm Copper ppm Lead 2 ppm Tin 3 ppm 2 Aluminum ppm Chromium ppm 0 Molybdenum 2 ppm 0 🔲 Nickel ppm Titanium 0 ppm Silver 0 ppm Manganese ■ <1 ppm Vanadium 0 ppm **ADDITIVES** 81 Calcium ppm Magnesium ppm 1333 Zinc ppm 1301 Phosphorus ppm 1159 Barium ppm 0



Johnson & Towers, Inc 2021 Briggs Road MT.LAUREL, NJ US 08054 Contact: BRENT BUZBY BBUZBY@JOHNSONTOWERS.COM T:

Diagnosis

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.The copper level is abnormal. All other component wear rates are normal. There is a light concentration of water present in the oil. The condition of the oil is acceptable for the time in service.

 Depot:
 VP855105

 Unique No:
 11069278

 Signed:
 Jonathan Hester

 Report Date:
 11 Jun 2024

 Contact/Location:
 BRENT BUZBY - VP855105

19

ppm

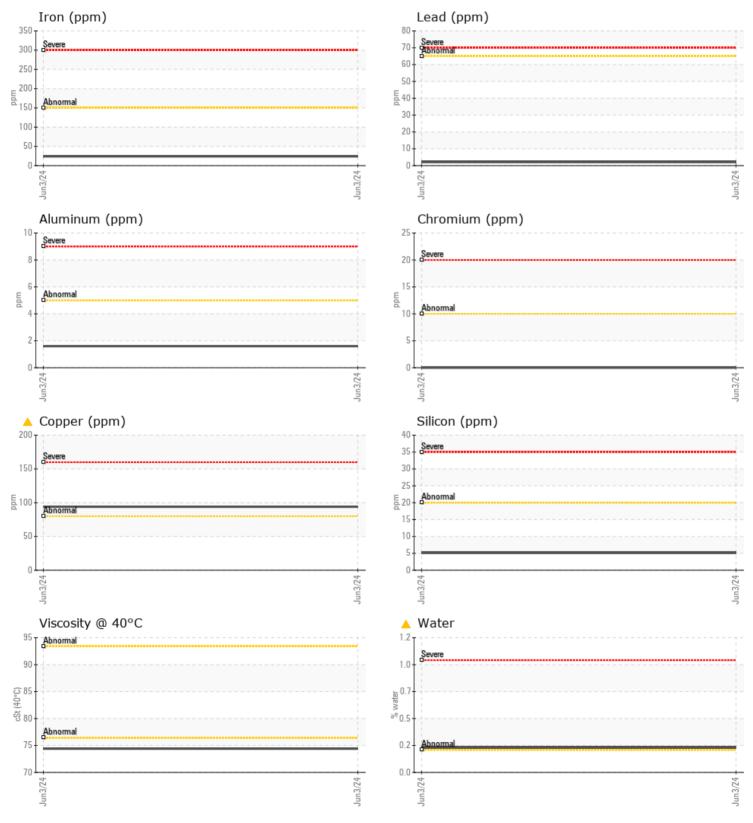
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Page 1 of 2

OIL ANALYSIS REPORT



GRAPHS



Report Id: VP855105 [WUSCAR] 06201817 (Generated: 06/11/2024 11:53:10) Rev: 1

Contact/Location: BRENT BUZBY - VP855105