# **OIL ANALYSIS REPORT**



## CUMMINS 20410437 - INBOARD - PORT GEARBOX

Sample No: VPA057382

Oil Type: {unknown}

#### SAMPLE INFORMATION Sample Number VPA057382 VPA057414 16 Mar 2024 Sample Date 15 Mar 2024 Machine Hours 0 0 0 0 **Oil Hours** Oil Changed N/A N/A SEVERE ABNORMAL Sample Status **OIL CONDITION** Visc @ 40°C cSt 41.3 34.8 CONTAMINATION % NEG Water NEG Silicon ppm 4 8 Sodium ppm 1 2 Potassium ppm 5 6 WEAR METALS PO 18 ■101 27 **2**33 Iron ppm Copper ppm **464** Lead ■<1 0 ppm 2 Tin 3 ppm 2 6 Aluminum ppm Chromium ■<1 3 ppm Molybdenum 51 49 ppm < 1 Nickel ppm <1 Titanium <1 <1 ppm Silver <1 0 ppm 3 <1 Manganese ppm Vanadium 0 0 ppm **ADDITIVES** 2414 2407 Calcium ppm Magnesium ppm 11 11 Zinc ppm 806 798 699 Phosphorus ppm 705 Barium 0 <1 ppm

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#### Sun Power Diesel & Marine 833 NE 3Rd Ave

DANIA BEACH, FL US 33004 Contact: SCOTT scott@sunpowermarine.com T: (954)237-2200 F: (954)237-2222

### Diagnosis

No corrective action is recommended at this time. We recommend an early resample to monitor this condition.The copper level is severe. Clutch disc wear or oil cooler leaching indicated. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot:	VP154386
Unique No:	10936877
Signed:	Jonathan Hester
Report Date:	21 Mar 2024

ppm

Boron

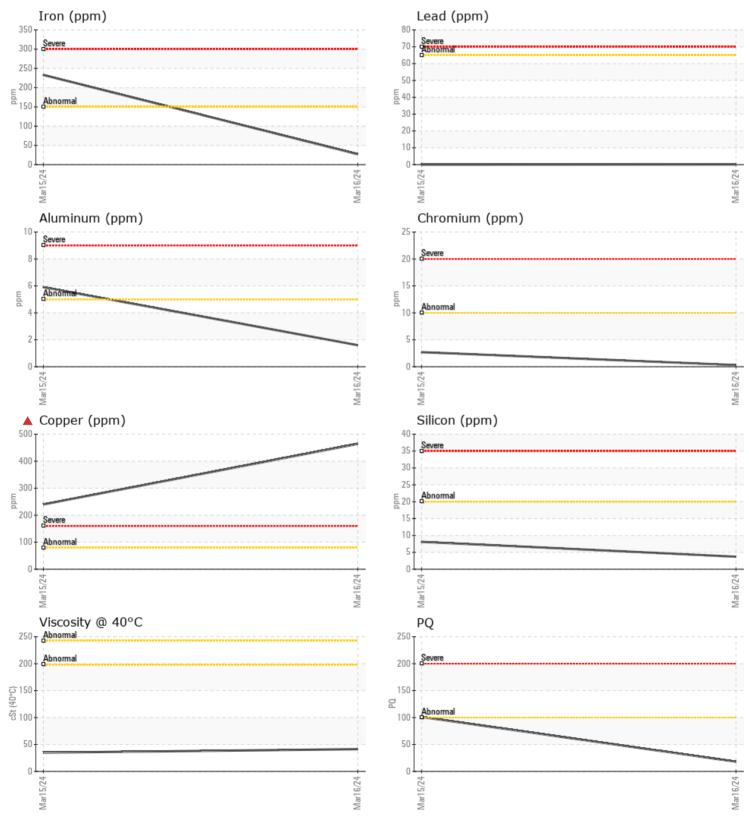
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Contact/Location: SCOTT ? - VP154386

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### GRAPHS



Report Id: VP154386 [WUSCAR] 06122726 (Generated: 03/21/2024 19:55:34) Rev: 1

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