OIL ANALYSIS REPORT

3194005830 - STARBOARD IPS

Sample No:	VPA031376
Oil Type:	{unknown}

SAMPLE INFORMATION VPA031376 Sample Number Sample Date 04 Jun 2024 Machine Hours 935 **Oil Hours** 0 Oil Changed N/A SEVERE Sample Status **OIL CONDITION** Visc @ 40°C cSt 106 CONTAMINATION % **0.402** Water Silicon **199** ppm Sodium 1 ppm Potassium ppm ■ <1 WEAR METALS PO 0 215 Iron ppm Copper 12 ppm Lead 2 ppm Tin 0 🔲 ppm Aluminum ppm 8 Chromium ppm 2 0 Molybdenum ppm Nickel ppm 1 Titanium 0 ppm Silver 0 ppm 2 Manganese ppm Vanadium 0 ppm **ADDITIVES** 6 Calcium ppm 2 Magnesium ppm Zinc ppm 25 Phosphorus ppm 1336 Barium 0 ppm



GBCS - GEORGIAN BAY SERVICES

171-8 ROBERT ST EAST PENETANGUISHENE, ON CA L9M 1G9 Contact: James Barrow james@gbcs.ca T: (705)528-9007 F:

Diagnosis

We advise that you check for the source of water entry. Check seals and/or filters for points of contaminant entry. The air breather requires service. If unrated, we recommend that you replace with a suitable micron rated and/or desiccant air breather. If rated, we recommend that you service/replace the breather. We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition. Please specify the brand, type, and viscosity of the oil on your next sample.All component wear rates are normal. There is a moderate concentration of water present in the oil. Elemental level of silicon (Si) above normal indicating ingress of seal material, dirt and/or grease. The oil is no longer serviceable due to the presence of contaminants.

Depot:GBCPENUnique No:5789773Signed:Kevin MarsonReport Date:10 Jun 2024

ppm

Boron

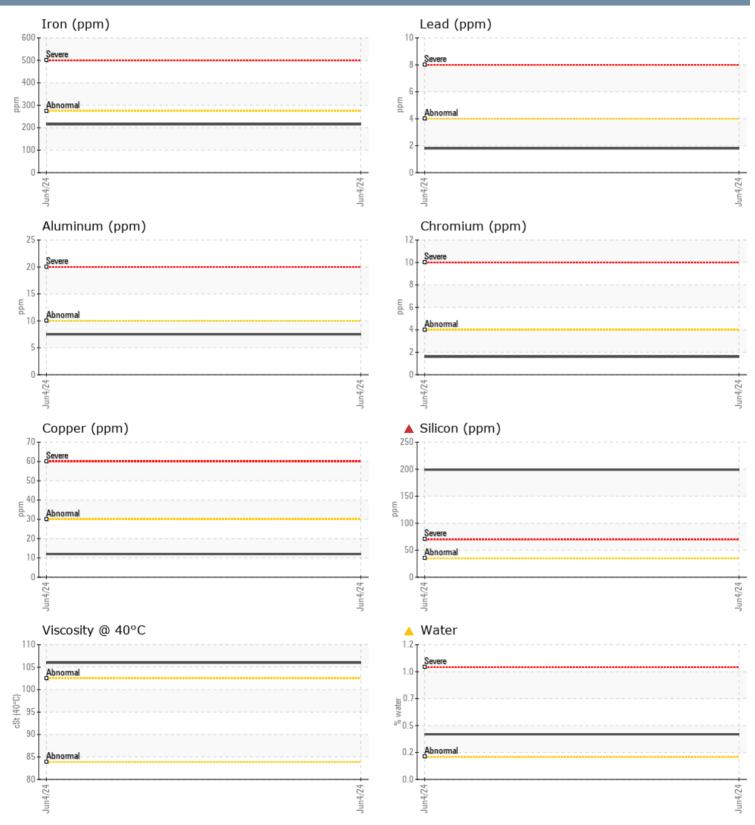
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Contact/Location: James Barrow - GBCPEN

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GRAPHS



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