OIL ANALYSIS REPORT

IAN PORTER SAM VOLVO PENTA 3194008292 - CENTER RIGHT IPS

Sample No: VPA059222

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION Sample Number VPA059222 VPA048327 Sample Date 09 Jan 2024 23 Mar 2022 Machine Hours 1048 869 0 **Oil Hours** 192 Oil Changed Changed N/A ABNORMAL Sample Status NORMAL **OIL CONDITION** Visc @ 40°C cSt 108 111 CONTAMINATION % **0.351** Water NEG Silicon 24 ppm 21 Sodium 25 < ppm Potassium ppm 3 0 WEAR METALS PO 31 37 15 Iron ppm Copper 18 <1 ppm Lead 0 0 ppm 0 0 Tin ppm 4 Aluminum ppm 9 Chromium < 1 ppm 2 Molybdenum 2 2 ppm 0 2 Nickel ppm Titanium 0 0 ppm Silver 0 <1 ppm <1 Manganese 6 ppm Vanadium 0 0 ppm **ADDITIVES** 6 Calcium 14 ppm Magnesium ppm 8 <1 Zinc ppm 14 0 Phosphorus ppm 1280 1396 0 Barium ppm 0 307 Boron ppm 257



Endor Marine LLC - Coastal Marine - 152124 4300 11th Ave. NW SEATTLE, WA US 98107 Contact: WILLOW YANARELLA service@coastalmarineengine.com T: (206)784-3703 F: (206)784-8823

Diagnosis

We advise that you check for the source of water entry. Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.The iron level is abnormal. All other component wear rates are normal. There is a moderate concentration of water present in the oil. The condition of the oil is acceptable for the time in service.

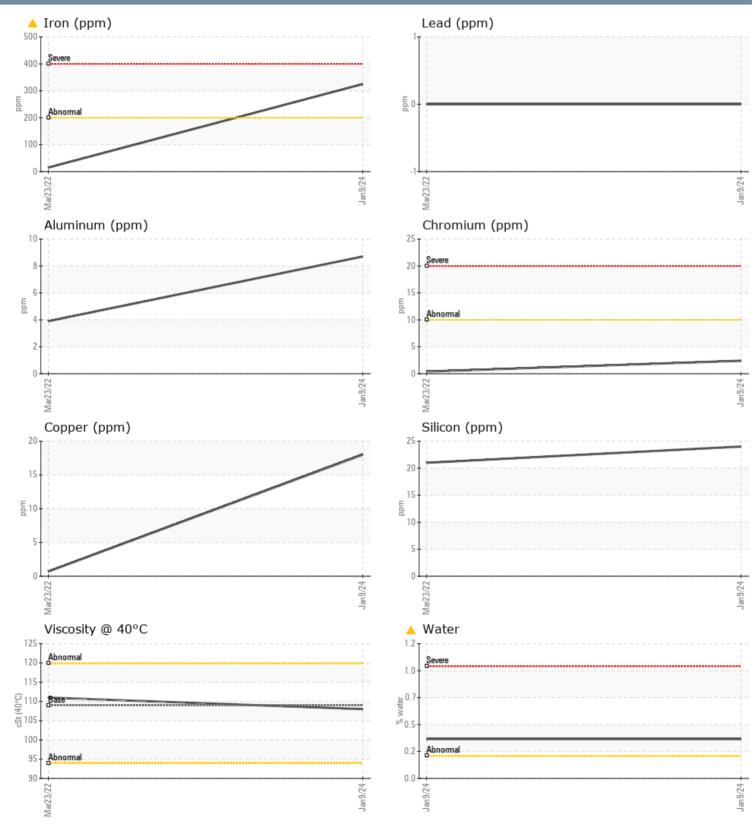
Depot:	VP794951
Unique No:	10836557
Signed:	Sean Felton
Report Date:	22 Jan 2024

Contact/Location: WILLOW YANARELLA - VP794951

OIL ANALYSIS REPORT







Report Id: VP794951 [WUSCAR] 06065175 (Generated: 01/22/2024 14:00:25) Rev: 1

Contact/Location: WILLOW YANARELLA - VP794951