OIL ANALYSIS REPORT

VOLVO PENTA 3020315006 - STERNDRIVE - STARBOARD GEARBOX

Sample No: VPA051959

Oil Type: VOLVO PENTA GL-5 SAE 75W90

SAMPLE INFORMATION Sample Number VPA051959 North Harbor Diesel Inc Sample Date 15 Nov 2023 720 30Th Street Machine Hours 649 ANACORTES, WA **Oil Hours** 0 US 98221 Oil Changed Changed NORMAL Sample Status T: (360)299-1904 **OIL CONDITION** F: Visc @ 40°C cSt 99.0 Diagnosis CONTAMINATION % NEG Water Silicon ppm 5 Sodium 5 ppm Potassium ppm 10 the time in service. WEAR METALS PO 13 42 Iron ppm Copper ppm ■ <1 Lead 0 ppm 0 🔲 Tin ppm **||** <1 Aluminum ppm Chromium □ <1 ppm Molybdenum 0 ppm **||** <1 Nickel ppm Titanium 0 ppm Silver 0 ppm Manganese 11 ppm Vanadium 0 ppm **ADDITIVES** Calcium ppm 15 Magnesium ppm 932 Zinc ppm 8 Phosphorus ppm **1590** Barium ppm 0 Boron ppm 570

VOLVO PENTA

Contact: ROBBIN MURDOCK robbin@northharbordiesel.com

Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for

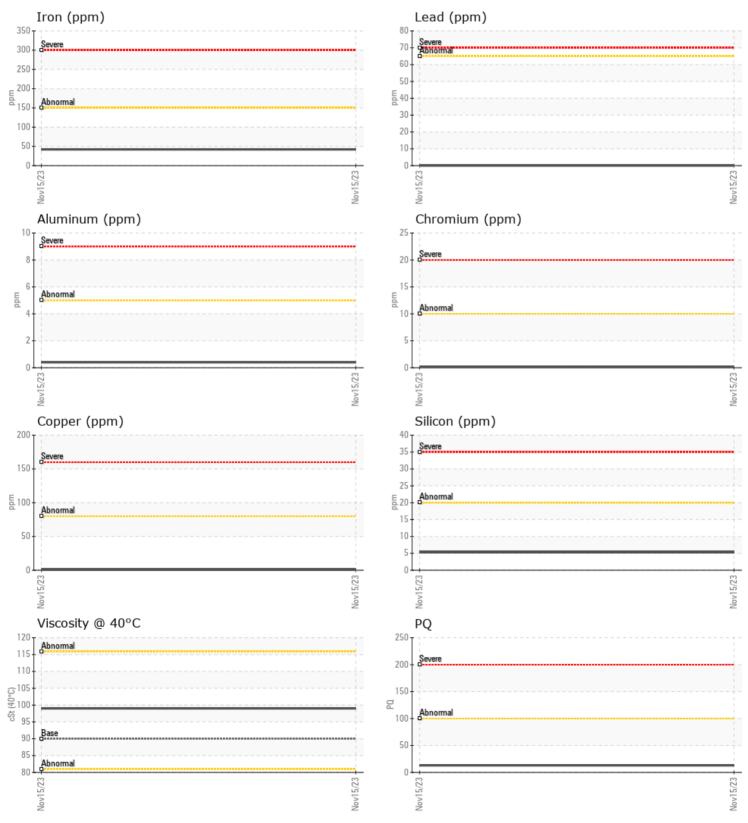
Depot: VP179089 Unique No: 10755889 Signed: Sean Felton **Report Date:** 28 Nov 2023

Contact/Location: ROBBIN MURDOCK - VP179089

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GRAPHS



Report Id: VP179089 [WUSCAR] 06016745 (Generated: 11/29/2023 22:00:54) Rev: 1

Contact/Location: ROBBIN MURDOCK - VP179089