OIL ANALYSIS REPORT

VOLVO PENTA 3020312285 - STERNDRIVE - CENTER GEARBOX MJC/501523

Sample No: VPA048612

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION Sample Number VPA048612 Sample Date 14 Aug 2023 Machine Hours 200 174 **Oil Hours** Oil Changed Changed NORMAL Sample Status **OIL CONDITION** F: Visc @ 40°C cSt 98.5 CONTAMINATION Silicon ppm 2 Sodium ppm 4 Potassium 2 ppm WEAR METALS PO 9 Iron 68 ppm Copper ppm 1 🗌 Lead ppm ■ <1 Tin ppm **||** <1 8 Aluminum ppm Chromium ppm 1 🔲 Molybdenum 0 ppm Nickel 2 ppm Titanium 0 ppm Silver 0 ppm Manganese 6 ppm Vanadium 0 ppm **ADDITIVES** Calcium 29 ppm Magnesium 38 ppm Zinc ppm 6 Phosphorus ppm 1444 Barium 0 🔲 ppm 405 Boron ppm

North Harbor Diesel Inc

720 30Th Street ANACORTES, WA US 98221 Contact: ROBBIN MURDOCK robbin@northharbordiesel.com T: (360)299-1904

Diagnosis

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 the time in service.

Depot: VP179089 Unique No: 10617602 Signed: Jonathan Hester **Report Date:** 25 Aug 2023

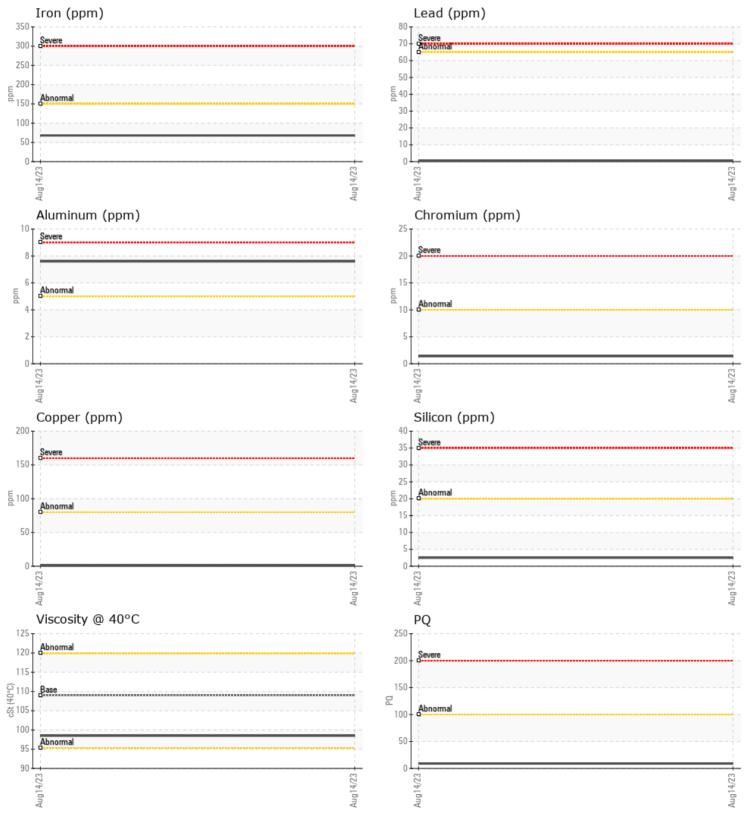
Contact/Location: ROBBIN MURDOCK - VP179089



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GRAPHS



Report Id: VP179089 [WUSCAR] 05932331 (Generated: 08/25/2023 12:12:51) Rev: 1

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