OIL ANALYSIS REPORT

GEAR OIL SAE 75W90

R825207 VOLVO PENTA 3940019334 - STARBOARD IPS

Sample No:

VPA062196

Oil Type:

SAMPLE INFORMATION VPA062196 Sample Number Sample Date 20 May 2024 Machine Hours 482 **Oil Hours** 0 Oil Changed Not Changd SEVERE Sample Status **OIL CONDITION** F: Visc @ 40°C cSt 104 CONTAMINATION % Water **0.432** Silicon ppm 33 Sodium 52 ppm Potassium ppm ■<1 WEAR METALS PO 36 **583** Iron ppm Copper 29 ppm Lead ppm 1 0 Tin ppm Aluminum ppm 11 Chromium ppm 5 0 Molybdenum ppm 4 Nickel ppm Titanium 0 ppm Silver 0 ppm Manganese 10 ppm Vanadium 0 ppm **ADDITIVES 10** Calcium ppm Magnesium ppm 8 Zinc ppm 131 Phosphorus ppm 1316 Barium ppm 0 Boron ppm 267



Power Products Systems LLC 90 Bay State Road WAKEFIELD, MA US 01880 Contact: ERIC JELLISON ejellison@nedda.com T: (781)831-8924

Diagnosis

We advise that you check for the source of water entry. We recommend that you drain the oil from the component if this has not already been done. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition.Gear wear is indicated. Appearance is hazy. There is a moderate concentration of water present in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

 Depot:
 VP153550

 Unique No:
 11056424

 Signed:
 Jonathan Hester

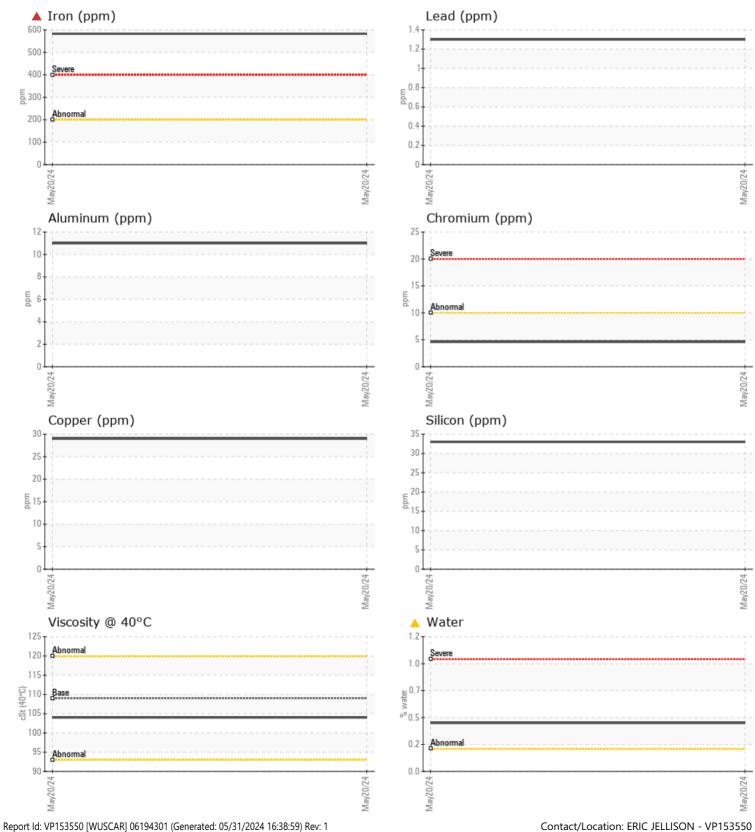
 Report Date:
 31 May 2024

 Contact/Location: ERIC
 JELLISON - VP153550

OIL ANALYSIS REPORT



GRAPHS



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