OIL ANALYSIS REPORT



VOLVO PENTA 3940025560 - STARBOARD IPS

Sample No: VPA062232

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION Sample Number VPA062232 Sample Date 16 May 2024 Machine Hours 251 90 **Oil Hours** Oil Changed Changed NORMAL Sample Status T: **OIL CONDITION** F: Visc @ 40°C cSt 106 CONTAMINATION % NEG Water Silicon 12 ppm Sodium 8 ppm Potassium ppm 4 WEAR METALS PO 16 19 Iron ppm Copper ppm 5 Lead <1 ppm 0 Tin ppm Aluminum ppm <1 Chromium □ <1 ppm Molybdenum 2 ppm **||** <1 Nickel ppm Titanium <1 ppm Silver <1 ppm Manganese 3 ppm Vanadium <1 ppm **ADDITIVES 10** Calcium ppm Magnesium ppm 14 Zinc ppm 8 Phosphorus ppm 1317 Barium ppm 0 Boron ppm 327

North Harbor Diesel Inc

720 30Th Street ANACORTES, WA US 98221 Contact: ED MCFARLIN ed@northharbordiesel.com T:

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:
 11049285

 Signed:
 Don Baldridge

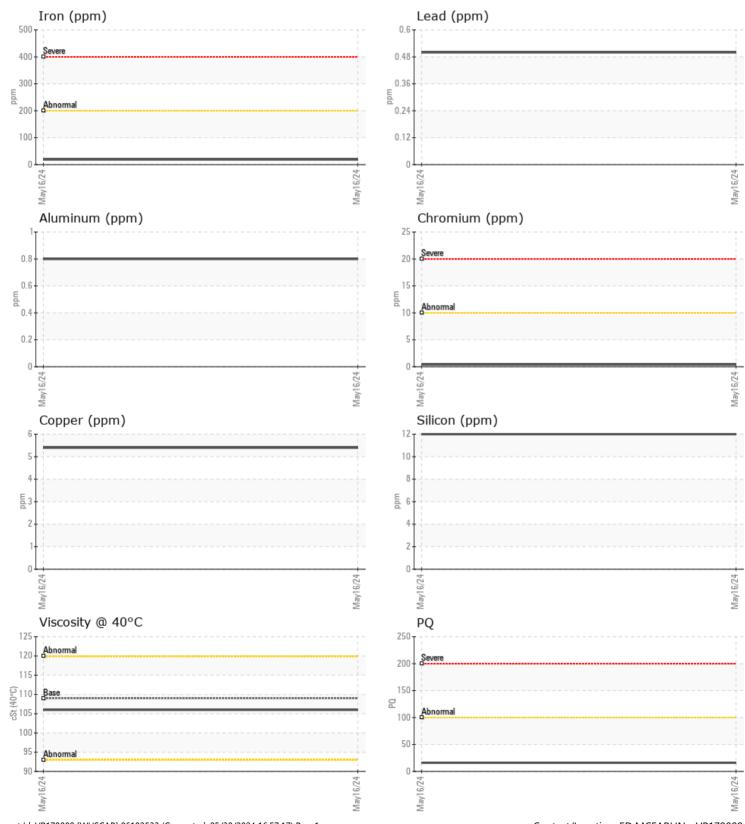
 Report Date:
 30 May 2024

 Contact/Location: ED MCFARLIN - VP179089

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GRAPHS



Report Id: VP179089 [WUSCAR] 06192533 (Generated: 05/30/2024 16:57:17) Rev: 1

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