OIL ANALYSIS REPORT

HARTZELL 520-286 JAY CUMMINS 1220151281 - GENSET

Sample No: VPA057262

Oil Type: NOT GIVEN

SAMPLE INFORMATION VPA057262 Sample Number Sample Date 08 Dec 2023 Machine Hours 102 0 **Oil Hours** Oil Changed N/A NORMAL Sample Status Т٠ **OIL CONDITION** F: Visc @ 100°C 12.8 cSt Base Number (BN) mg KOH/g 9.9 Oxidation (PA) % 64 CONTAMINATION Water % NEG % Soot % 0.1 Nitration (PA) % 56 Sulfation (PA) % 54 Glycol % NEG Fuel % <1.0 Silicon 22 ppm Sodium 3 ppm Potassium 0 ppm WEAR METALS Iron 11 ppm 11 Copper ppm Lead 0 🔲 ppm Tin ■ <1 ppm Aluminum ppm 3 Chromium <1 ppm Molybdenum 60 ppm Nickel 0 ppm Titanium ppm <1 0 Silver ppm Manganese 2 ppm Vanadium ppm <1 **ADDITIVES** 1613 Calcium ppm 631 Magnesium ppm Zinc ppm 911 Phosphorus ppm 755 0 Barium ppm Boron ppm 46



VOLVO PENTA

Outstanding Marine PO Box 274 GALENA, MD US 21635 Contact: Ronda Bolinger rlwb@verizon.net T:

Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.Metal levels are typical for a new component breaking in. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

 Depot:
 VP153685

 Unique No:
 10816302

 Signed:
 Sean Felton

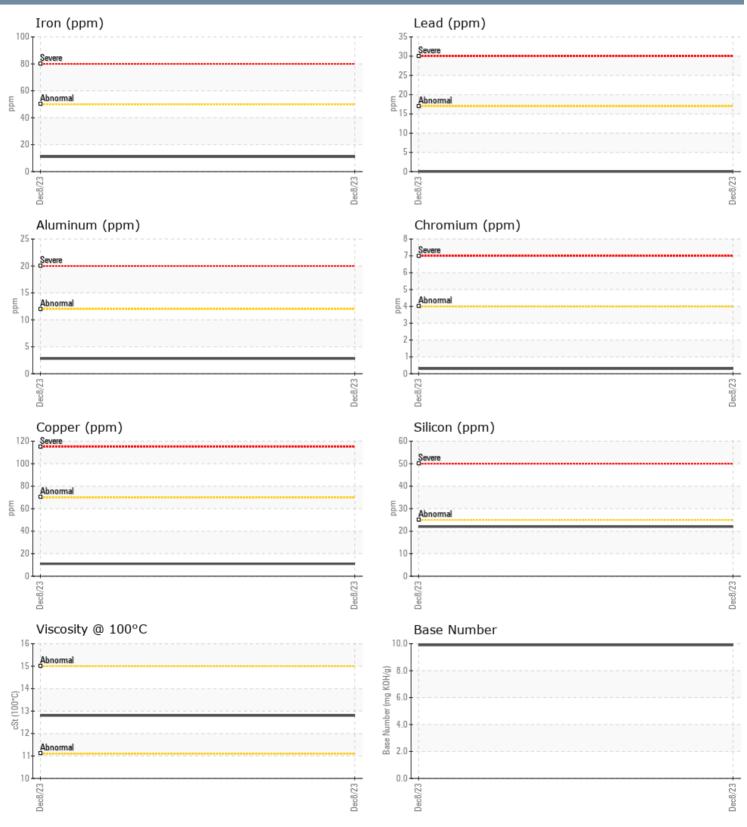
 Report Date:
 04 Jan 2024

Contact/Location: Ronda Bolinger - VP153685

OIL ANALYSIS REPORT



GRAPHS



Report Id: VP153685 [WUSCAR] 06050353 (Generated: 01/04/2024 16:32:05) Rev: 1

Contact/Location: Ronda Bolinger - VP153685