OIL ANALYSIS REPORT

DICENSO JB VOLVO PENTA 701331106 - STARBOARD DIESEL ENGINE

Sample No: VPA036952

Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

SAMPLE INFORMATION VPA036952 Sample Number Sample Date 18 Oct 2023 Machine Hours 644 **Oil Hours** 0 Oil Changed Changed NORMAL Sample Status **OIL CONDITION** 12.7 Visc @ 100°C cSt Base Number (BN) mg KOH/g 9.7 Oxidation (PA) % 59 CONTAMINATION Soot % % 0.3 % Nitration (PA) 52 Sulfation (PA) % 54 % Glycol NEG Fuel % <1.0 Silicon ppm 7 Sodium 2 ppm Potassium ppm 0 🔲 WEAR METALS Iron ppm 2 20 Copper ppm Lead ppm 0 Tin ■ <1 ppm Aluminum ppm ■ <1 Chromium 0 ppm Molybdenum 59 ppm ■<1 Nickel ppm Titanium 0 🔲 ppm Silver ppm 0 🔲 Manganese **||** <1 ppm Vanadium 0 ppm **ADDITIVES** Calcium 1028 ppm Magnesium 980 ppm Zinc ppm 1271 Phosphorus ppm 963 Barium ppm 0 🔲 Boron ppm 4



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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 BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is acceptable for the time in service.

 Depot:
 VP153811

 Unique No:
 10711574

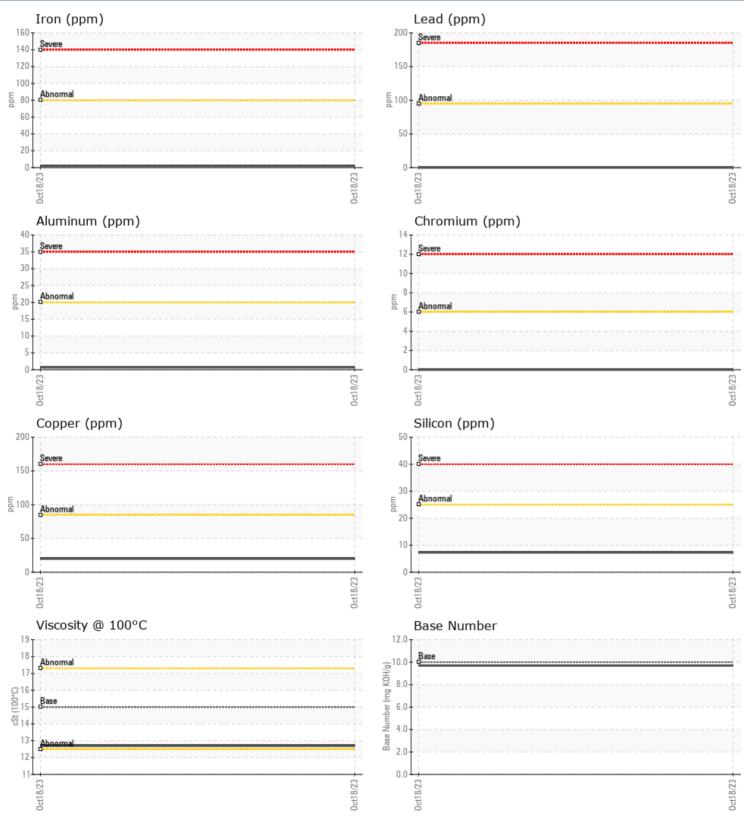
 Signed:
 Sean Felton

 Report Date:
 27 Oct 2023

OIL ANALYSIS REPORT



GRAPHS



Report Id: VP153811 [WUSCAR] 05988912 (Generated: 10/31/2023 13:10:58) Rev: 1

Contact/Location: MATT ST. ANGELO - VP153811