OIL ANALYSIS REPORT

ASHLEY CRAIG 624716 VOLVO PENTA A 1094035 - PORT DIESEL ENGINE

Sample No: VPA015470

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

SAMPLE INFORMATION VPA015470 Sample Number Hagadone Hospitality Co. Sample Date 23 Apr 2024 Machine Hours 142 **Oil Hours** 2 Oil Changed Changed NORMAL Sample Status **OIL CONDITION** T: F: Visc @ 100°C cSt 13.6 Base Number (BN) mg KOH/g 9.7 Oxidation (PA) % 52 CONTAMINATION % NEG Water % Soot % 0.1 Nitration (PA) % 42 % Sulfation (PA) 50 Glycol % NEG Fuel % <1.0 Silicon 8 ppm Sodium 0 🔲 ppm Potassium 1 ppm WEAR METALS 14 Iron ppm 2 Copper ppm Lead ■ <1 ppm Tin 0 ppm Aluminum ppm 2 Chromium <1 ppm Molybdenum ppm 51 Nickel 0 ppm Titanium ppm 0 🔲 Silver 0 ppm Manganese **||** <1 ppm Vanadium ppm 0 **ADDITIVES** Calcium 1298 ppm 1050 Magnesium ppm Zinc ppm 1381 Phosphorus ppm 1038 Barium 0 ppm Boron ppm 39 Depot:

Unique No: 10995036 Signed: Sean Felton **Report Date:** 26 Apr 2024

1000 S. Marina Dr., PO Box 6200

COEUR D ALENE, ID US 83814 Contact: CHRIS CRAIG ccraig@hagadonemarine.com

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.



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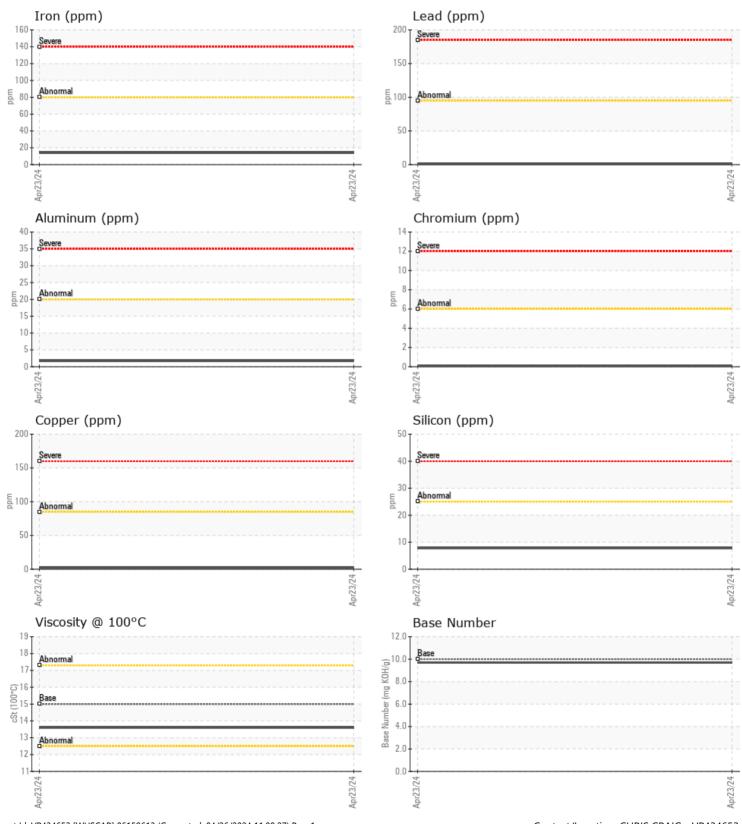
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OIL ANALYSIS REPORT



GRAPHS



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