OIL ANALYSIS REPORT

VOLVO PENTA TAMD41D CE13T 2204147685 - DIESEL ENGINE DAVID LEPPAMAN 6528

VPA051548 Sample No:

Oil Type: {unknown}

SAMPLE INFORMATION VPA051548 Sample Number **Northwest Diesel Power** 07 Feb 2024 Sample Date Machine Hours 2127 **Oil Hours** 0 Oil Changed Not Changd ABNORMAL Sample Status **OIL CONDITION** T: F: Visc @ 100°C cSt 13.9 Base Number (BN) mg KOH/g 10.9 Oxidation (PA) % 45 CONTAMINATION Water % **0.234** % Soot % 0.1 Nitration (PA) % 53 Sulfation (PA) % 46 Glycol % NEG Fuel % <1.0 Silicon 16 ppm Sodium 44 ppm Potassium 10 ppm WEAR METALS Iron 56 ppm 15 Copper ppm Lead 19 ppm Tin 1 ppm Aluminum ppm 4 Chromium 6 ppm Molybdenum 9 ppm Nickel **4** ppm Titanium ppm **||** <1 ■<1 Silver ppm Manganese 2 ppm Vanadium ppm <1 **ADDITIVES** Calcium 1402 ppm 843 Magnesium ppm Zinc ppm 1058 Phosphorus ppm 844 Barium 13 ppm Boron ppm 109 Depot:

1325 ROEDER AVE SUITE 103

BELLINGHAM, WA US 98225 Contact: BRANDON ROBERTSON parts@nwdieselpower.com

Diagnosis

We advise that you check for the source of water entry. Resample at the next service interval to monitor.All component wear rates are normal. There is a light concentration of water present 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.



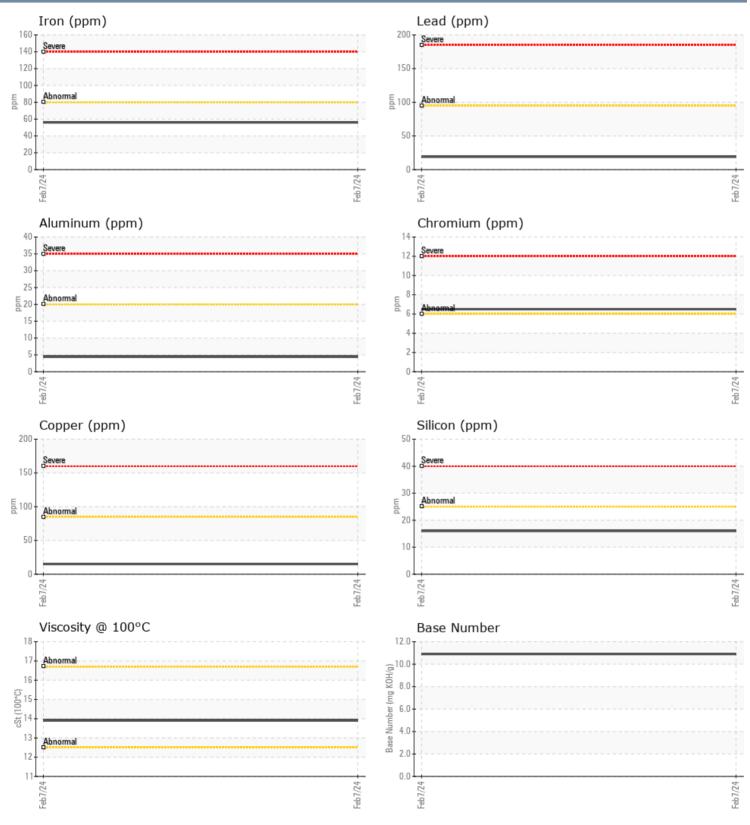
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GRAPHS



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