OIL ANALYSIS REPORT

DUNN JB CATERPILLAR 2XR04499 - PORT DIESEL ENGINE

Sample No: VPA057124

Oil Type: CAT DIESEL ENGINE OIL 15W40

SAMPLE INFORMATION VPA057124 Sample Number Sample Date 03 Dec 2023 Machine Hours 1650 **Oil Hours** 0 Oil Changed Changed NORMAL Sample Status **OIL CONDITION** F: (401)783-5350 Visc @ 100°C cSt 13.0 Base Number (BN) mg KOH/g 9.7 Oxidation (PA) % 85 CONTAMINATION % NEG Water % Soot % 0.4 Nitration (PA) % 62 Sulfation (PA) % 65 Glycol % NEG Fuel % <1.0 Silicon 7 ppm Sodium 5 🔲 ppm Potassium 34 ppm WEAR METALS 83 Iron ppm 67 Copper ppm Lead 0 🔲 ppm Tin ppm 5 Aluminum 17 ppm Chromium 2 ppm Molybdenum 56 ppm Nickel ■ <1 ppm Titanium ppm 0 🔲 Silver ■ <1 ppm Manganese 2 ppm Vanadium ppm 0 **ADDITIVES** Calcium 1280 ppm Magnesium 868 ppm Zinc ppm 1184 Phosphorus ppm 956 Barium 0 ppm Boron ppm 10 Depot:

Contact/Location: MATT ST. ANGELO - VP153811

VP153811



Point Judith Marina 360 Gooseberry Road WAKEFIELD, RI US 02879 Contact: MATT ST. ANGELO service@pjmarina.com;canastasio@wearcheckusa.com T: (401)789-7189

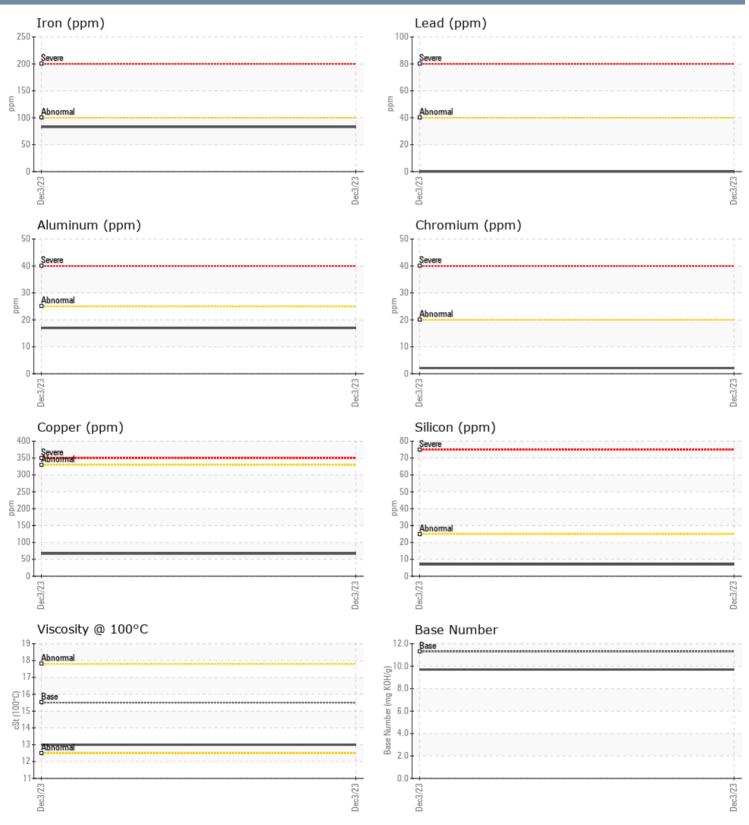
Diagnosis

Oil and filter change at the time of sampling has been noted. 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.

OIL ANALYSIS REPORT



GRAPHS



Report Id: VP153811 [WUSCAR] 06027430 (Generated: 12/11/2023 13:17:18) Rev: 1

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