OIL ANALYSIS REPORT

HAUCK 505907 VOLVO PENTA A 1050651 - PORT DIESEL ENGINE

Sample No: VPA056306

Oil Type: VOLVO PENTA SAE 15W40

SAMPLE INFORMATION VPA056306 VPA042447 Sample Number 08 Jan 2024 Sample Date 01 Feb 2023 Machine Hours 352 339 **Oil Hours** 0 0 Oil Changed Changed Changed NORMAL Sample Status NORMAL **OIL CONDITION** Visc @ 100°C cSt 13.4 13.3 Base Number (BN) mg KOH/g 9.3 10.2 Oxidation (PA) % 55 59 CONTAMINATION Water % NEG NFG % Soot % 0.3 0.5 Nitration (PA) % 44 59 Sulfation (PA) % 51 55 Glycol % NEG NEG Fuel % <1.0 <1.0 Silicon 4 16 ppm Sodium 3 2 ppm Potassium 0 0 ppm WEAR METALS 19 Iron 12 ppm 6 12 Copper ppm Lead 5 ppm 2 Tin | <1 ppm ■ <1 Aluminum 7 ppm 4 Chromium <1 1 ppm 58 Molybdenum 53 ppm Nickel 1 2 ppm Titanium ppm 0 🔲 < 1 Silver 0 ppm Manganese <1 1 ppm Vanadium ppm 0 <1 **ADDITIVES** 1027 Calcium 1091 ppm Magnesium 914 923 ppm Zinc ppm 1228 1203 Phosphorus ppm 1034 929 Barium 0 0 ppm Boron ppm 11 3



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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 suitable for further service.

Signed: Angela Borella Report Date: 17 Jan 2024 Contact/Location: DENNIS BUTT - VP297371

VP297371

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Depot:

Unique No:

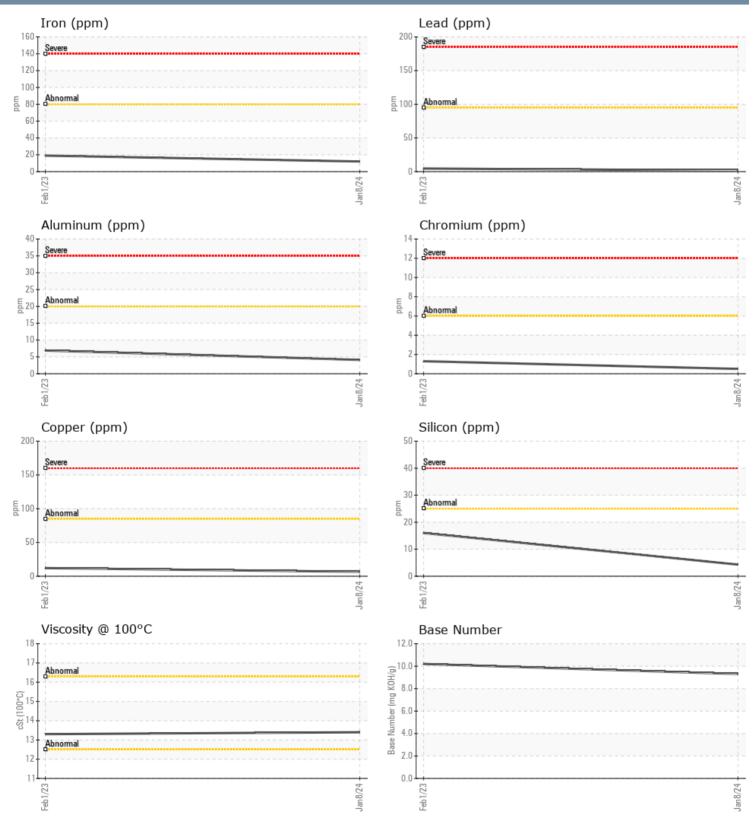
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GRAPHS



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