OIL ANALYSIS REPORT

RESOLUTION 4287 M60532 - CENTER DIESEL ENGINE

Sample No: VPA047812

Oil Type: SHELL 15W40

SAMPLE INFORMATION VPA047812 Sample Number Sample Date 26 Jun 2024 Machine Hours 656 **Oil Hours** 18 Oil Changed Changed NORMAL Sample Status **OIL CONDITION** Visc @ 100°C cSt 13.33 Base Number (BN) mg KOH/g 8.7 Oxidation (PA) % 59 CONTAMINATION % NEG Water % Soot % 0.1 Nitration (PA) % 47 Sulfation (PA) % 54 Glycol % NEG Fuel % <1.0 Silicon 4 ppm Sodium 59 ppm Potassium 11 ppm WEAR METALS Iron 19 ppm 45 Copper ppm Lead ppm 1 🗌 Tin 0 ppm Aluminum 14 ppm Chromium <1 ppm 23 Molybdenum ppm Nickel 1 ppm Titanium ppm **||** <1 Silver ■ <1 ppm Manganese **||** <1 ppm Vanadium ppm <1 **ADDITIVES** Calcium 2334 ppm Magnesium 45 ppm Zinc ppm 1251 Phosphorus ppm 1063 Barium 0 ppm Boron ppm 143

 Unique No:
 11102181

 Signed:
 Doug Bog

Contact/Location: TRACY PELLERIN - VP592286

Signed:Doug BogartReport Date:28 Jun 2024

The Talaria Company

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Diagnosis

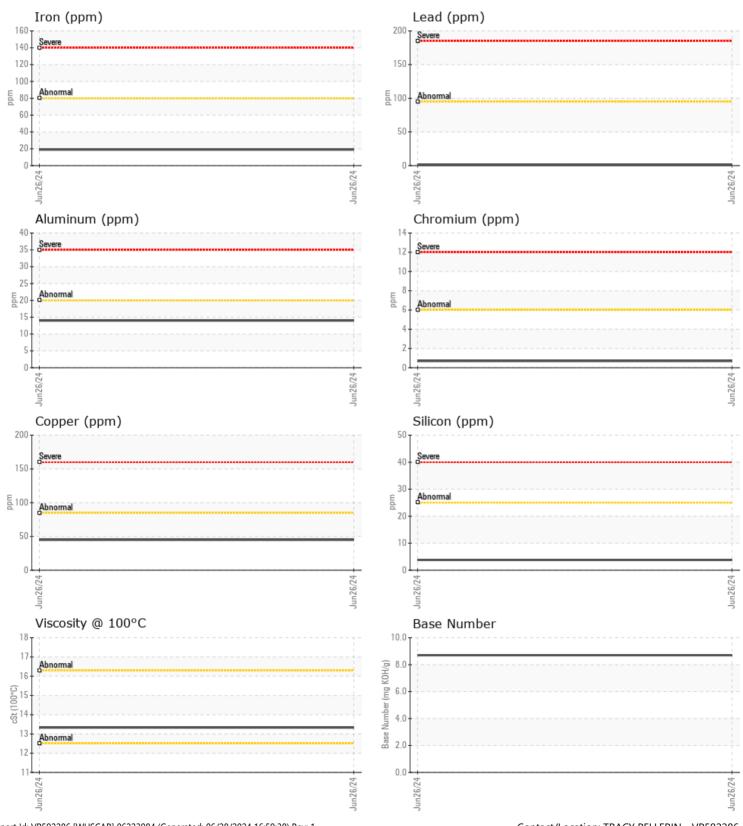
No corrective action is recommended at this time. Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is acceptable for the time in service.



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GRAPHS



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