## **OIL ANALYSIS REPORT**

### AGANGEE PB 2006012161 - DIESEL ENGINE

Sample No: VPA060769

**Oil Type:** SHELL ROTELLA T 15W40

#### SAMPLE INFORMATION VPA060769 Sample Number Sample Date 20 Dec 2023 Machine Hours 758 **Oil Hours** 17 Oil Changed Changed NORMAL Sample Status **OIL CONDITION** Visc @ 100°C 14.2 cSt Base Number (BN) mg KOH/g 9.4 Oxidation (PA) % 62 CONTAMINATION Water % NEG % Soot % 0.1 Nitration (PA) % 53 Sulfation (PA) % 52 Glycol % NEG Fuel % <1.0 Silicon 4 ppm Sodium 2 ppm Potassium **||** <1 ppm WEAR METALS Iron 3 ppm 2 Copper ppm Lead ppm 1 🗌 Tin ■ <1 ppm Aluminum ppm 2 Chromium <1 ppm 46 Molybdenum ppm Nickel **||** <1 ppm Titanium ppm 0 🔲 Silver 0 ppm Manganese **||** < 1 ppm Vanadium ppm 0 **ADDITIVES** Calcium 1381 ppm 607 Magnesium ppm Zinc ppm 1248 1007 Phosphorus ppm Barium 0 🔲 ppm Boron ppm 21

Depot:

The Talaria Company

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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 acceptable for the time in service.

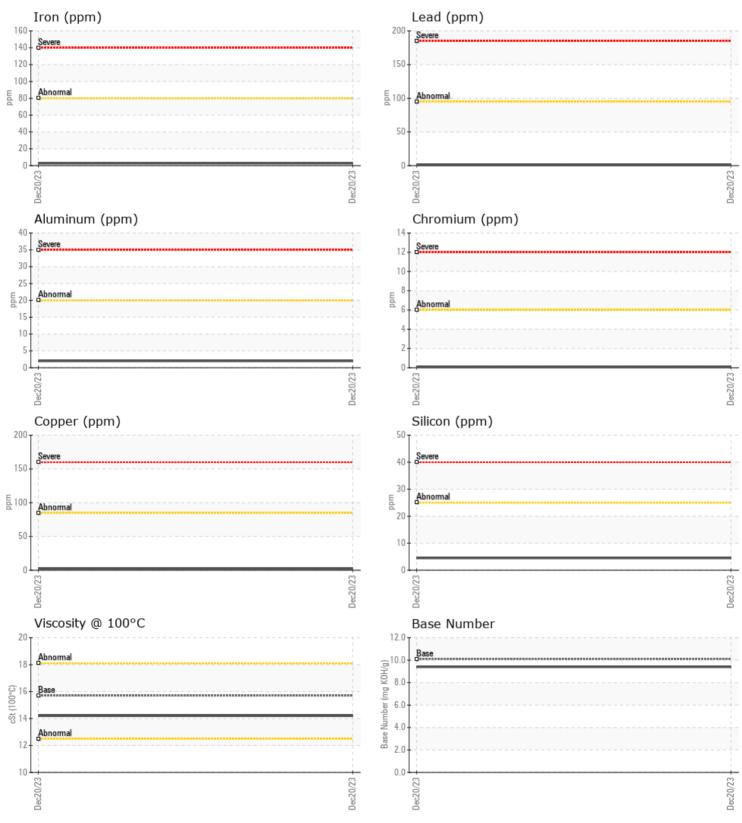


VP592286

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#### GRAPHS



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