OIL ANALYSIS REPORT



NORTHERN LIGHTS 6732-42145C - GENSET

Sample No: VPA056057

Oil Type: DIESEL ENGINE OIL SAE 15W40

SAMPLE INFORMATION VPA056057 Sample Number 18 Jul 2023 Sample Date Machine Hours 1224 **Oil Hours** 0 Oil Changed Not Changd NORMAL Sample Status **OIL CONDITION** Visc @ 100°C cSt 12.9 Base Number (BN) mg KOH/g 9.8 Oxidation (PA) % 58 CONTAMINATION Soot % % 0.1 % Nitration (PA) 49 Sulfation (PA) % 51 % Glycol NEG Fuel % <1.0 Silicon ppm 4 Sodium 2 ppm Potassium ppm 2 WEAR METALS Iron ppm 4 1 Copper ppm Lead ppm <1 Tin ■ <1 ppm Aluminum <1 ppm Chromium **||** < 1 ppm Molybdenum 56 ppm Nickel 0 ppm Titanium **||** <1 ppm Silver ppm 0 Manganese **||** <1 ppm Vanadium <1 ppm **ADDITIVES** Calcium 1075 ppm Magnesium 996 ppm Zinc ppm 1269 Phosphorus ppm 1027 Barium ppm 0 🔲 Boron ppm 8

W J Clark Inc

4517 Dunning Road NORFOLK, VA US 23518 Contact: WALTER CLARK ychtfixer@aol.com T: F:

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.

 Depot:
 VP151520

 Unique No:
 10564307

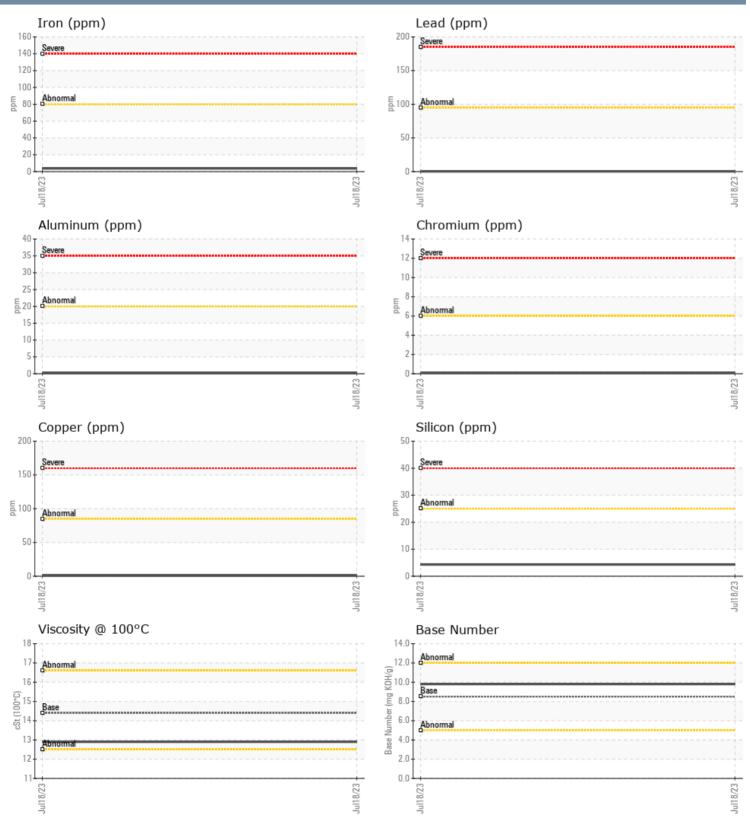
 Signed:
 Don Baldridge

 Report Date:
 21 Jul 2023

OIL ANALYSIS REPORT



GRAPHS



Report Id: VP151520 [WUSCAR] 05902951 (Generated: 07/21/2023 14:15:13) Rev: 1

Contact/Location: WALTER CLARK - VP151520