OIL ANALYSIS REPORT

MISS DODIE MISS DODIE NORTHERN LIGHTS 6732-47759C - GENSET

VPA058270 Sample No:

Oil Type: CHEVRON DELO 400 MULTIGRADE 15W40

SAMPLE INFORMATION VPA058270 VPA038516 Sample Number Sample Date 08 Nov 2023 06 Oct 2021 Machine Hours 148 127 **Oil Hours** 148 0 Oil Changed N/A Changed NORMAL Sample Status ATTENTION **OIL CONDITION** Visc @ 100°C cSt 14.2 13.5 Base Number (BN) mg KOH/g 8.5 Oxidation (PA) % 48 51 CONTAMINATION % NFG Water NEG % Soot % 0.1 0.1 Nitration (PA) % 53 55 Sulfation (PA) % 48 50 Glycol % NEG NEG Fuel % <1.0 <1.0 Silicon 5 4 ppm Sodium 5 10 ppm Potassium 2 2 ppm WEAR METALS A 57 Iron 53 ppm **||** <1 0 Copper ppm Lead < 1 ppm 1 🗌 Tin ■ <1 0 ppm Aluminum 4 ppm 3 Chromium <1 1 ppm Molybdenum 0 ppm < 1 ■<1 0 Nickel ppm Titanium ppm <1 <1 0 0 Silver ppm Manganese ppm **||** <1 < 1 Vanadium <1 ppm <1 **ADDITIVES** Calcium 1227 1284 ppm 654 Magnesium 676 ppm Zinc ppm 799 788 661 Phosphorus ppm 680 0 Barium 0 🔲 ppm 91 92

North Harbor Diesel Inc 720 30Th Street

ANACORTES, WA US 98221 Contact: ROBBIN MURDOCK robbin@northharbordiesel.com T: (360)299-1904 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 suitable for further service.



Contact/Location: ROBBIN MURDOCK - VP179089

VP179089

10749747

Sean Felton

20 Nov 2023

Depot:

Signed:

Unique No:

Report Date:

ppm

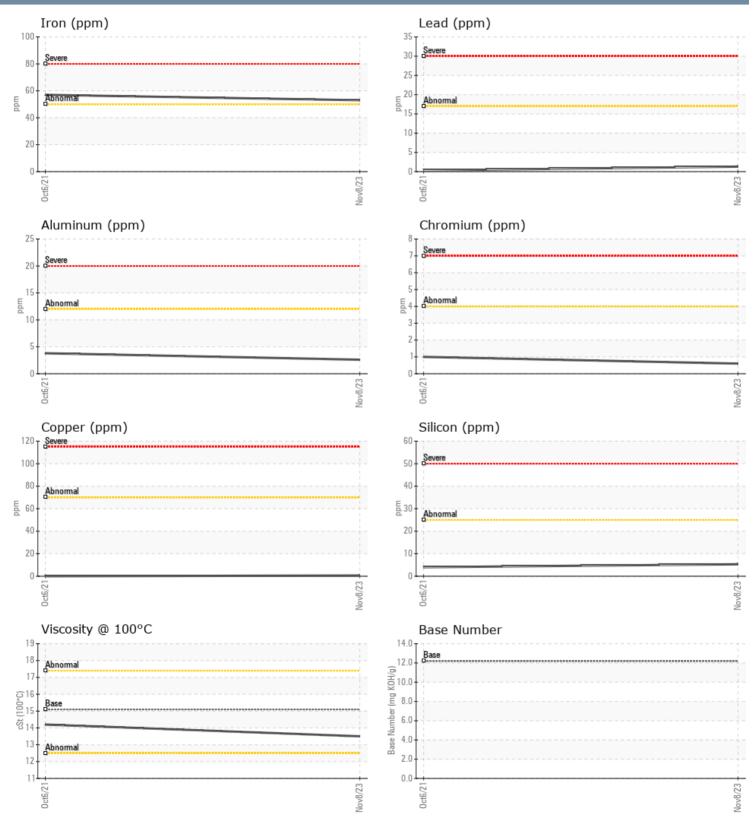
Boron



OIL ANALYSIS REPORT



GRAPHS



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