## **OIL ANALYSIS REPORT**

## 501461 ZF HURTH 51220186851 - INBOARD - CENTER GEARBOX

Sample No: VPA048615

Oil Type: CHEVRON ATF

### SAMPLE INFORMATION Sample Number VPA048615 Sample Date 04 Aug 2023 Machine Hours 1240 **Oil Hours** 0 Oil Changed Changed NORMAL Sample Status **OIL CONDITION** Visc @ 40°C cSt 31.6 CONTAMINATION Silicon ppm 5 Sodium ppm 0 Potassium ■<1 ppm WEAR METALS PO 19 Iron 3 ppm Copper ppm 2 Lead ppm 1 Tin 0 ppm 0 Aluminum ppm Chromium ppm 0 🔲 Molybdenum 2 ppm Nickel 0 🔲 ppm Titanium 0 ppm Silver 0 ppm Manganese 0 ppm Vanadium 0 ppm **ADDITIVES** Calcium 104 ppm 5 Magnesium ppm Zinc ppm 16 Phosphorus ppm 222 Barium 0 ppm

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 condition of the oil is acceptable for the time in service.

 Depot:
 VP179089

 Unique No:
 10592773

 Signed:
 Don Baldridge

 Report Date:
 11 Aug 2023

ppm

117

Boron

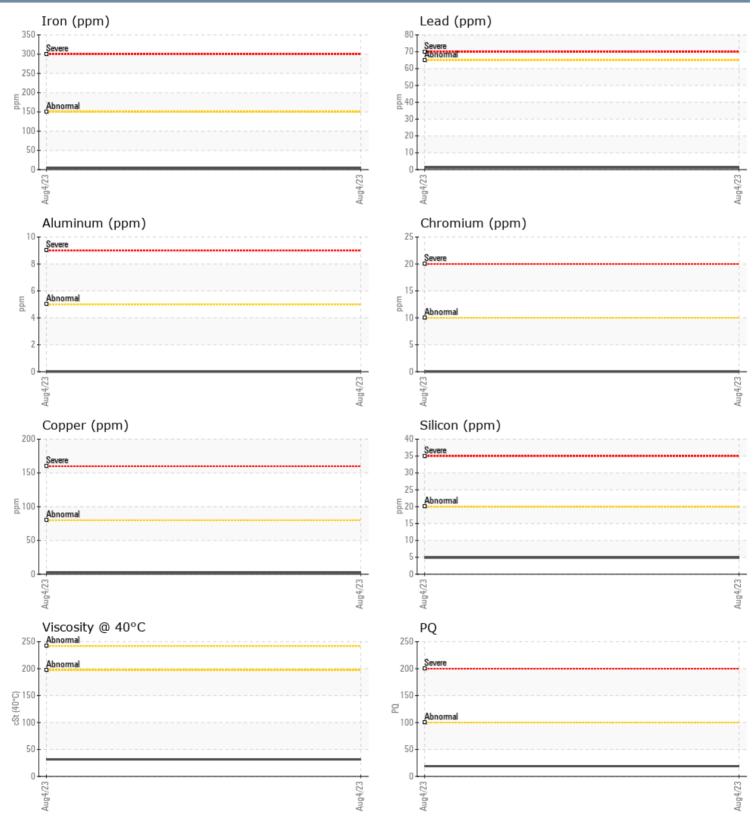
Contact/Location: ROBBIN MURDOCK - VP179089



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### GRAPHS



Report Id: VP179089 [WUSCAR] 05920859 (Generated: 08/11/2023 13:00:15) Rev: 1

Contact/Location: ROBBIN MURDOCK - VP179089