CONSTRUCTION EQUIPMENT



VOLVO

Oil Type:	VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No:	607541

## SAMPLE INFORMATION VCP429585 Sample Number Sample Date 05 Oct 2023 3037 Machine Hours Oil Hours 2000 Oil Changed Changed ABNORMAL Sample Status **OIL CONDITION** F: Visc @ 40°C cSt 297 CONTAMINATION Silicon ppm **114** Sodium 8 ppm Potassium 12 ppm WEAR METALS Iron ppm 🔺 564 Copper ppm 2 ppm Lead <1 0 Tin ppm Aluminum ppm 🔺 22 Chromium ppm **1**5 Molybdenum ppm 1 Nickel 1 ppm Titanium 2 ppm Silver 0 ppm Manganese 6 ppm Vanadium ppm <1 **ADDITIVES** 103 Calcium ppm Magnesium 42 ppm Zinc 14 ppm



## FERROUS PROCESSING AND TRADING

3400 E LAFAYETTE DETROIT, MI US 48207 Contact: KEITH HALL keith.hall@fpt1.com T:

## Diagnosis

We advise that you check all areas where dirt can enter the system. The oil change at the time of sampling has been noted. Resample at the next service interval to monitor.Gear wear is indicated. Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress. The condition of the oil is acceptable for the time in service.

Depot:	FERDET
Unique No:	10686366
Signed:	Don Baldridge
Report Date:	12 Oct 2023

1222

**168** 

0

Phosphorus

Barium

Boron

ppm

ppm

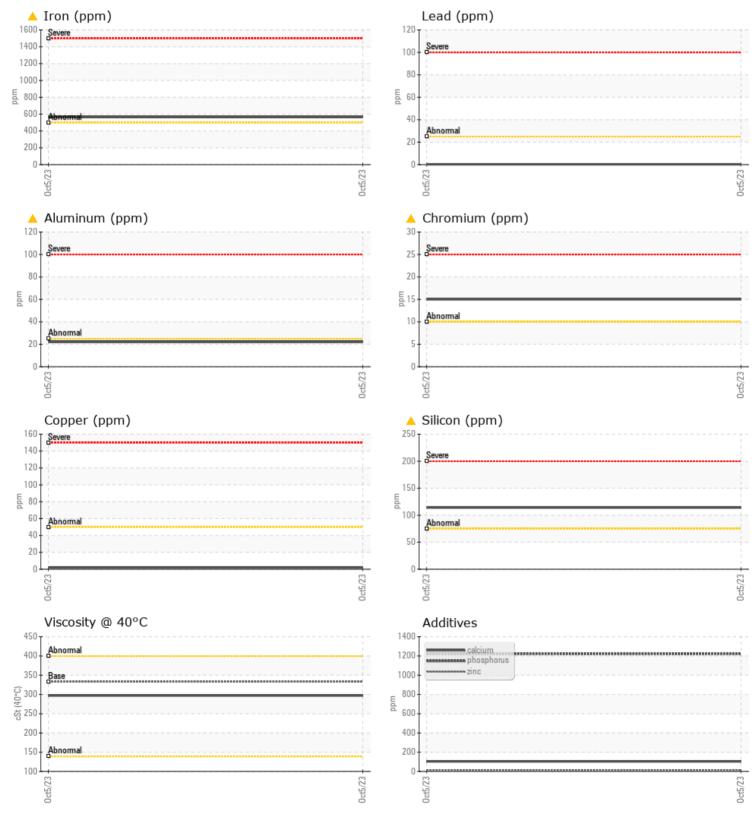
ppm

## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Contact/Location: KEITH HALL - FERDET