CONSTRUCTION EQUIPMENT

Sample No: VCP413689

VOLVO

| Oil Type: | VOLVO PREMIUM GEAR OIL 80W-90 GL-5 |
|-----------|------------------------------------|
| Job No: | TITAN |

SAMPLE INFORMATION Sample Number VCP413689 Sample Date 07 Nov 2023 Machine Hours 2000 Oil Hours 0 Oil Changed Changed ABNORMAL Sample Status **OIL CONDITION** Visc @ 40°C 114 cSt CONTAMINATION Water % NEG Silicon ppm Sodium ppm 1 🗌 Potassium ppm 5 WEAR METALS Iron ppm 213 Copper ppm ■ <1 Lead ppm 0 🔲 Tin ppm 0 🔲 Aluminum ppm **1**3 Chromium 10 ppm Molybdenum ppm **<**1 Nickel ■ <1 ppm Titanium ppm 1 Silver 0 ppm Manganese ppm 2 Vanadium ppm 0

ADDITIVES Calcium 10 ppm Magnesium 0 ppm Zinc ppm 7 Phosphorus 567 ppm Barium 0 🔲 ppm 26 Boron ppm



MCCLUNG-LOGAN EQUIPMENT CO - CHESAPEAKE

4112 HOLLAND BLVD CHESAPEAKE, VA US 23323 Contact: TOMMY GRIFFIN tgriffin@mcclung-logan.com T: (757)485-3314 F: (757)485-3415

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.All component wear rates are normal. Elemental levels of silicon (Si) and aluminum (Al) indicate aluminasilicate (coarse dirt) ingress. The condition of the oil is acceptable for the time in service.

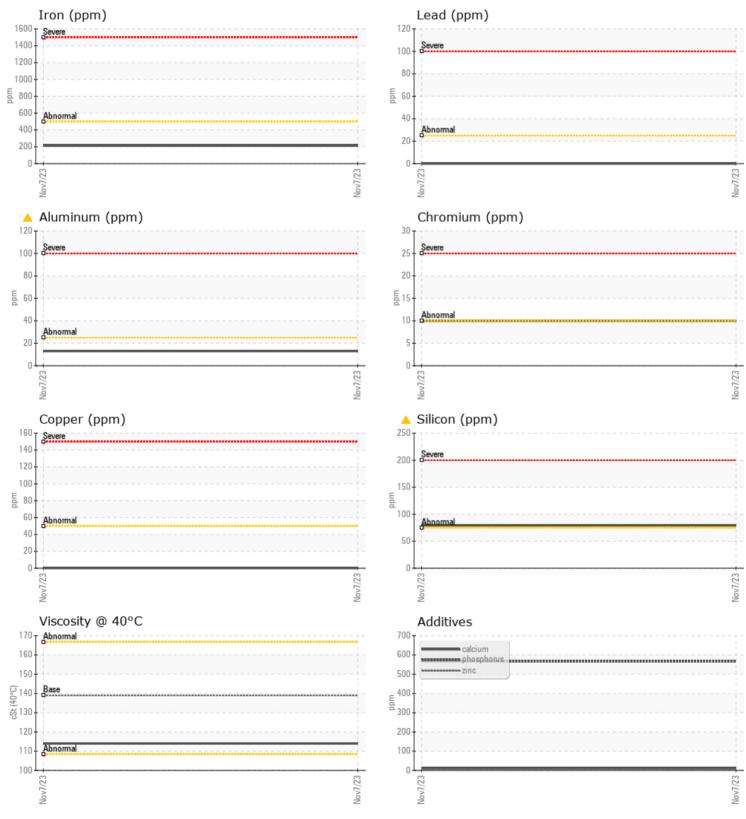
| Depot: | VOLVO0264 |
|--------------|-------------|
| Unique No: | 10740963 |
| Signed: | Doug Bogart |
| Report Date: | 04 Dec 2023 |

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO0264 [WUSCAR] 06007201 (Generated: 12/05/2023 00:58:38) Rev: 1

Contact/Location: TOMMY GRIFFIN - VOLVO0264