CONSTRUCTION EQUIPMENT

 Sample No:
 VCP427320

 Oil Type:
 GEAR OIL SAE 80W90

 Job No:
 SPM688079 US STEEL

SAMPLE INFORMATION

VOLVO

## Sample Number VCP427320 VCP360036 Sample Date 19 Mar 2024 29 Mar 2022 Machine Hours 9546 3706 Oil Hours 0 0 Changed Oil Changed Changed ABNORMAL NORMAL Sample Status **OIL CONDITION** Visc @ 40°C cSt 131 84.0 CONTAMINATION Water % NEG NEG Silicon 6 5 ppm Sodium 1 🔲 <1 ppm Potassium ppm ■ <1 <1 WEAR METALS Iron ppm 180 321 Copper ppm 77 54 Lead ppm 0 < 1 Tin ppm 3 2 Aluminum 3 3 ppm Chromium 2 4 ppm Molybdenum 5 ppm 1 Nickel 0 2 ppm Titanium 0 0 ppm Silver 0 <1 ppm Manganese ppm 4 12



## ALTA EQUIPMENT CO - ORLAND PARK

5000 INDUSTRIAL HWY GARY, IN US 46406 Contact: DAVE ENG DAVE.ENG@ALTG.COM T: (312)350-2560 F:

## Diagnosis

The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition.High concentration of visible metal present. All component wear rates are normal. There is a high amount of visible silt present in the sample. The condition of the oil is acceptable for the time in service.

Vanadium

ppm

0

VOLVO **ADDITIVES** Calcium ppm 144 953 Magnesium 0 10 ppm 384 Zinc ppm 51 Phosphorus 538 1442 ppm Barium 0 🔲 2 ppm 7 188 Boron ppm

0

 Depot:
 VOLVO8885

 Unique No:
 10990294

 Signed:
 Sean Felton

 Report Date:
 24 Apr 2024

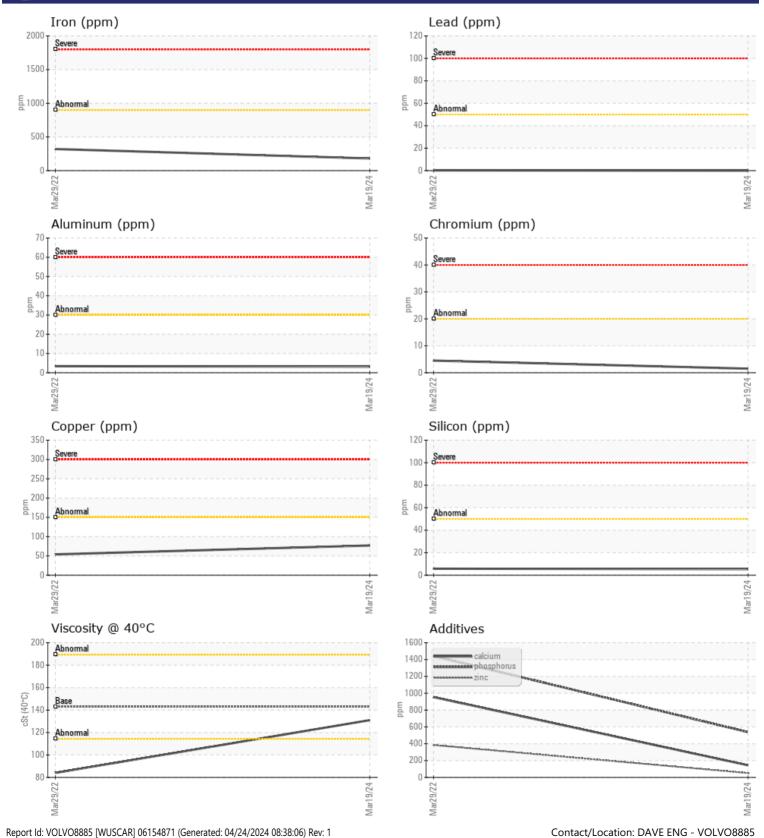
 Contact/Location: DAVE ENG - VOLVO8885

## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



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