CONSTRUCTION EQUIPMENT 715284 SENNEBOGEN 840E 840.0.2242 - RIGHT SWING DRIVE

 Sample No:
 VCP446429

 Oil Type:
 MOBIL 220

 Job No:
 715284

VOLVO

SAMPLE INFORMATION VCP446429 Sample Number Sample Date 10 May 2024 Machine Hours 6378 Oil Hours 2000 Oil Changed Changed SEVERE Sample Status **OIL CONDITION** Visc @ 40°C cSt 207 CONTAMINATION Water % 0.100 Silicon 9 ppm Sodium 3 ppm Potassium ppm ■ <1 WEAR METALS **1456** Iron ppm Copper ppm **181** Lead ppm 0 🔲 Tin ppm 25 Aluminum ppm 1 Chromium ppm Molybdenum 0 ppm Nickel 1 ppm Titanium ppm 0 Silver 0 ppm Manganese ppm 13 Vanadium ppm 0 01

ADDITIVES Calcium ppm 0 0 Magnesium ppm 112 Zinc ppm Phosphorus 340 ppm Barium 0 ppm Boron 20 ppm



FERROUS PROCESSING AND TRADING

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

Diagnosis

The oil change at the time of sampling has been noted. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition.Gear wear is indicated. The water content is negligible. No other contaminants were detected in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot:FERDETUnique No:11034544Signed:Sean FeltonReport Date:21 May 2024Contact/Location:KEITH HALL - FERDET

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO

Iron (ppm) Lead (ppm) 1600 160-Severe 1400 140 1200 120 100 1000 Heine 800 ud 80 600 60 Abnorma Abnorma 40 400 200 20 0 0 Mav10/24 May10/24 Mav10/24 Chromium (ppm) Aluminum (ppm) 30. 80 Severe 70 25 60 20 50 튭 40 ۲ 4 15 30 Abnorma 10 20 10 0 0 May10/24 Mav10/24 Mav1 Silicon (ppm) Copper (ppm) 500 140 120 400 100 300 80 ppm ppm Abnorma 60 Abnorma 200 40 100 20 0 Ω May10/24 Mav10/24 Mav1 Viscosity @ 40°C Additives 400 280 Abnormal 350 260 a phosphorus 300 zine 240 250 ()-0+220 <u>۾</u> 200 ŝ 150 200 100 180 Abnormal 50 160 0 May10/24 May10/24 May1

Report Id: FERDET [WUSCAR] 06183218 (Generated: 05/22/2024 01:19:30) Rev: 1

May10/24

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Contact/Location: KEITH HALL - FERDET