CONSTRUCTION EQUIPMENT

19095 GAINES RALEIGH VOLVO EC350EL 310871 - REAR LEFT FINAL DRI

Sample No: VCP426884

VOLVO

Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5 Job No: 19095 GAINES RALEIGH

SAMPLE INFORMATION VCP426884 Sample Number Sample Date 08 Jul 2023 **117 - ASCENDUM MACHINERY INC - GREENVILLE** Machine Hours 4953 2002 N GREENE ST Oil Hours 0 GREENVILLE, NC Oil Changed Changed US 27834 SEVERE Contact: BRANDON JENKINS Sample Status BRANDON.JENKINS@ASCENDUMMACHINERY.COM T: **OIL CONDITION** F: (704)494-8197 Visc @ 40°C cSt 🔺 544 Diagnosis CONTAMINATION We advise that you check all areas Water % **0.278** where dirt can enter the system. The Silicon 3202 oil change at the time of sampling ppm has been noted. We advise that you Sodium 103 ppm inspect for the source(s) of wear. We Potassium ppm 290 recommend an early resample to monitor this condition.Gear wear is WEAR METALS indicated. There is a light concentration of water present in the 6735 Iron ppm oil. Elemental levels of silicon (Si) and Copper ppm 10 aluminum (Al) indicate alumina-Lead ppm 0 🔲 silicate (coarse dirt) ingress. The oil Tin ppm ■ <1 viscosity is higher than normal. The oil is no longer serviceable due to the Aluminum ppm presence of contaminants. Chromium 68 ppm Molybdenum ppm 10 Nickel 5 ppm Titanium ppm 44 Silver 0 ppm Manganese ppm **44** Vanadium ppm 1 **ADDITIVES** Calcium ppm 82 Magnesium 64 ppm Zinc ppm 27 Phosphorus 924 ppm



 Depot:
 VOLV08769

 Unique No:
 10552850

 Signed:
 Don Baldridge

 Report Date:
 14 Jul 2023

3

142

ppm

ppm

Barium

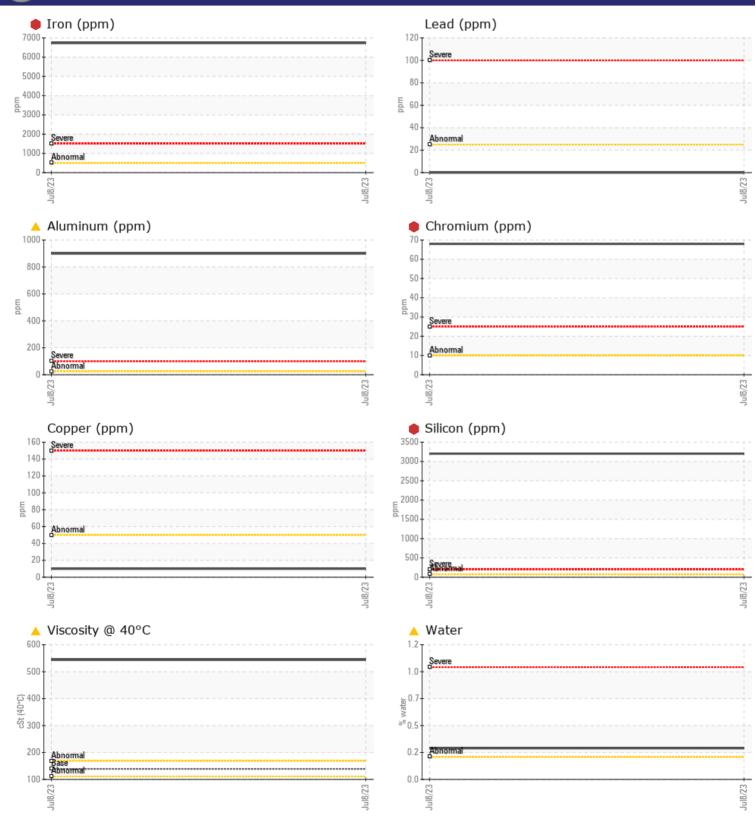
Boron

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Contact/Location: BRANDON JENKINS - VOLVO8769