CONSTRUCTION EQUIPMENT SPM701371 VOLVO ECR235EL 310702 - RIGHT FINAL DRIVE

Sample No:	VCP443529
Oil Type:	GEAR OIL SAE 80W90
Job No:	SPM701371

VOLVO

SAMPLE INFORMATION VCP443529 Sample Number Sample Date 12 Apr 2024 Machine Hours 4256 Oil Hours 0 Oil Changed Changed SEVERE Sample Status **OIL CONDITION** Visc @ 40°C cSt 285 CONTAMINATION Water % 0.168 Silicon **1856** ppm Sodium 28 ppm Potassium ppm 64 WEAR METALS **5622** Iron ppm Copper ppm 8 Lead ppm 2 Tin ppm 1 Aluminum ppm **170** Chromium **6**9 ppm Molybdenum ppm 12 Nickel 6 ppm Titanium 11 ppm Silver 0 ppm Manganese ppm **49**

Vanadium

ppm

01 **ADDITIVES** Calcium ppm 290 Magnesium 116 ppm Zinc ppm 42 Phosphorus 864 ppm Barium 1 ppm 121 Boron ppm



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

We advise that you check all areas where dirt can enter the system. 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. The iron and chrome levels are severe. Gear wear is indicated. Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress. The oil viscosity is higher than normal. The oil is no longer serviceable due to the presence of contaminants.

 Depot:
 VOLVO8885

 Unique No:
 10990267

 Signed:
 Don Baldridge

 Report Date:
 23 Apr 2024

 Contact/Location: DAVE ENG - VOLVO8885

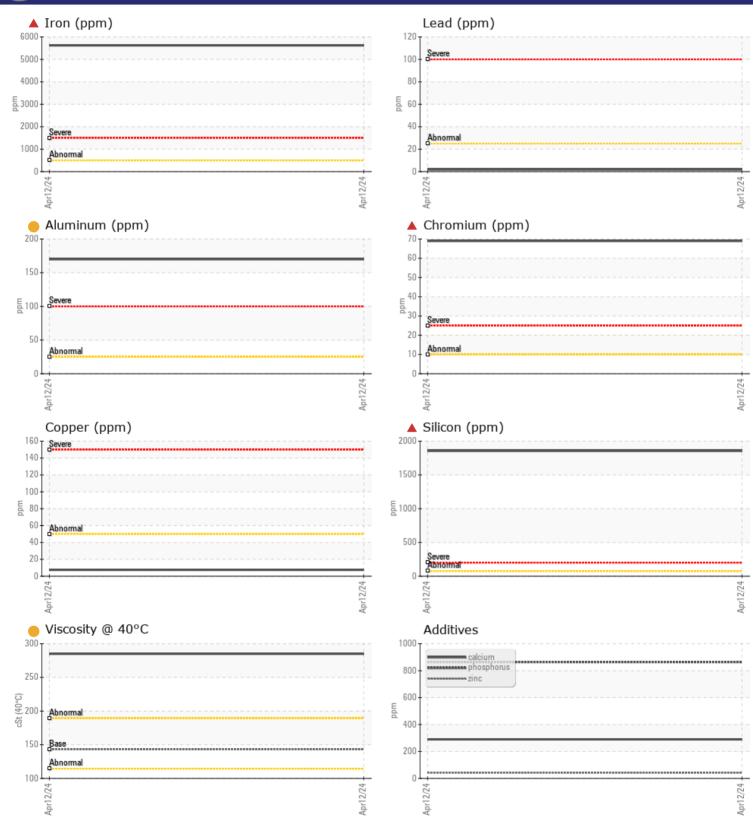
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CONSTRUCTION EQUIPMENT



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