CONSTRUCTION EQUIPMENT VOLVO EC350 310659 - FRONT RIGHT FINAL DRIVE X48285



VOLVO

Oil Type:	VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No:	X48285

SAMPLE INFORMATION Sample Number VCP435977 VCP417995 Sample Date 22 Dec 2023 23 Jul 2023 Machine Hours 7067 6125 Oil Hours 0 0 Oil Changed N/A N/A Sample Status SEVERE SEVERE **OIL CONDITION** F: (318)433-6623 Visc @ 40°C cSt 181 CONTAMINATION Water % **0.357** 1.04 Silicon 10651 9 3630 ppm Sodium 30 9 ppm Potassium ppm 132 36 WEAR METALS 21943 Iron ppm 8350 Copper ppm 43 15 Lead ppm 0 🔲 0 Tin ppm 0 2 Aluminum **787 2**36 ppm Chromium 236 95 ppm Molybdenum 14 ppm 31 Nickel 23 $\square 7$ ppm Titanium 110 36 ppm Silver 0 0 ppm Manganese ppm 155 59 Vanadium ppm 0 < 1

Calcium	ppm	85	1				
Magnesium	ppm	4 3	8				
Zinc	ppm	35	5				
Phosphorus	ppm	577	114				
Barium	ppm	7	0				
Boron	ppm	21	0				



SCOTT EQUIPMENT COMPANY LLC - Lake Charles PO BOX 16955 LAKE CHARLES, LA US 70616 Contact: TINA LEDOUX tledoux@scottcompanies.com T: (337)433-9811

Diagnosis

We advise that you check all areas where dirt can enter the system. We advise that you check for the source of water entry. We recommend that you drain the oil from the component if this has not already been done. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition.Gear wear is indicated. Elemental levels of silicon (Si) and aluminum (Al) indicate aluminasilicate (coarse dirt) ingress. There is a moderate concentration of water present in the oil. The oil is no longer serviceable due to the presence of contaminants.

Depot: VOLVO6244 Unique No: 10809863 Signed: Jonathan Hester **Report Date:** 04 Jan 2024

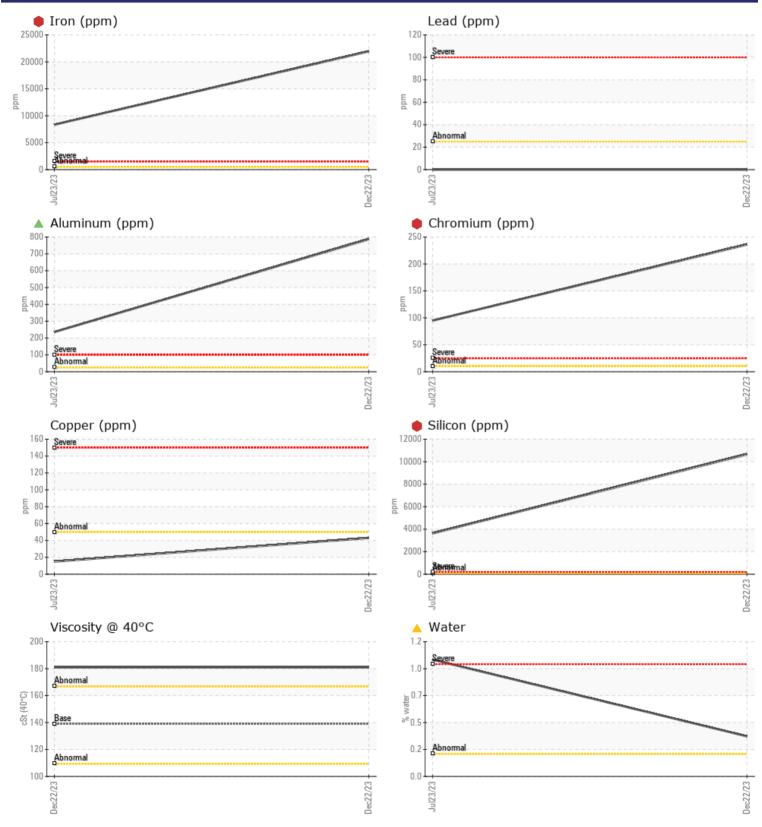
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CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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