CONSTRUCTION EQUIPMENT

SW-28850-2 FX CONSTR VOLVO EC300EL 314006 - REAR RIGHT FINAL D

Sample No: VCP438075

VOLVO

Oil Type:	VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No:	SW-28850-2 FX CONSTR

SAMPLE INFORMATION VCP438075 Sample Number Sample Date 22 Jan 2024 Machine Hours 2483 Oil Hours 0 Oil Changed Changed ABNORMAL Sample Status **OIL CONDITION** Visc @ 40°C cSt 118 CONTAMINATION Water % NEG Silicon **A** 84 ppm Sodium 2 ppm Potassium ppm 9 WEAR METALS 306 Iron ppm Copper ppm 0 Lead ppm **||** <1 Tin ppm 0 🔲 Aluminum ppm **A** 29 Chromium 6 ppm Molybdenum ppm 0 Nickel ■ <1 ppm Titanium 1 ppm Silver 0 ppm Manganese ppm 5 Vanadium ppm <1 **ADDITIVES**

Calcium	ppm	1 4	 	
Magnesium	ppm	6	 	
Zinc	ppm	8	 	
Phosphorus	ppm	474	 	
Barium	ppm	1	 	
Boron	ppm	0	 	



ARNOLD MACHINERY COMPANY

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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. Resample at the next service interval to monitor.All component wear rates are normal. Elemental levels of silicon (Si) and aluminum (Al) indicate aluminasilicate (coarse dirt) ingress. The condition of the oil is acceptable for the time in service.

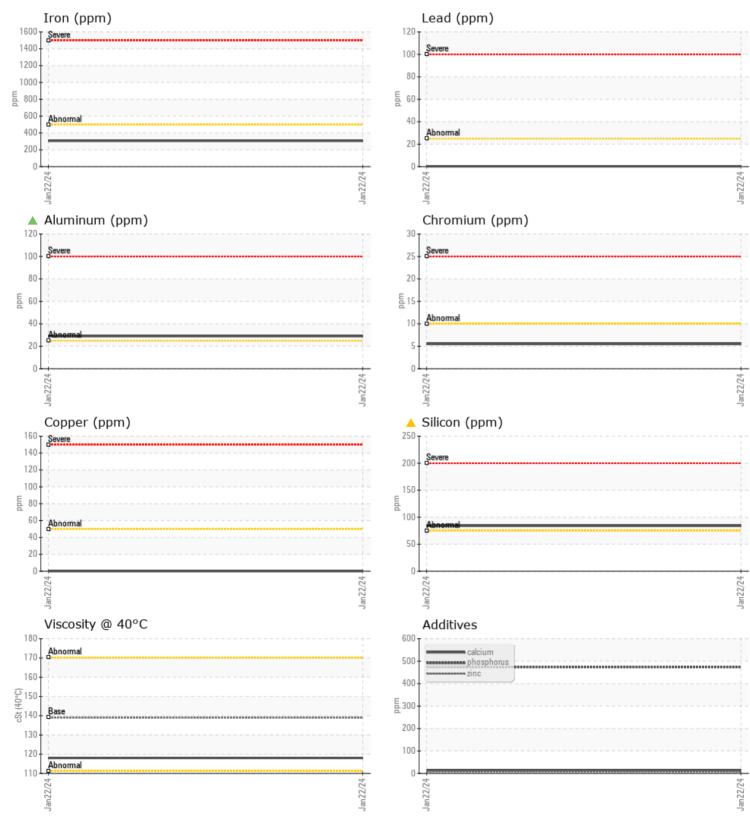
Depot: VOLV08770 Unique No: 10849962 Signed: Don Baldridge **Report Date:** 31 Jan 2024

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO8770 [WUSCAR] 06073285 (Generated: 02/01/2024 02:19:41) Rev: 1

Contact/Location: TONY PAYAN - VOLVO8770