**CONSTRUCTION EQUIPMENT** SWA300873-20 EP JANS VOLVO L20H 1220271 - FRONT AXLE

Sample No: VCP417799

VOLVO

**Oil Type:** VOLVO WET BRAKE TRANSAXLE OIL SWA300873-20 EP JANS

Job No:

## SAMPLE INFORMATION VCP417799 Sample Number VCP372740 Sample Date 19 Jul 2023 07 Nov 2022 Machine Hours 1981 1228 Oil Hours 0 0 Oil Changed Not Changd Not Changd ABNORMAL Sample Status NORMAL **OIL CONDITION** Visc @ 40°C cSt 53.3 54.0 CONTAMINATION Silicon ppm **170** 14 Sodium 14 15 ppm Potassium 2 4 ppm WEAR METALS

Iron	ppm	<b>657</b>	334	 
Copper	ppm	<b>1</b>	2	 
Lead	ppm	0	0	 
Tin	ppm	0	0	 
Aluminum	ppm	🔺 13	2	 
Chromium	ppm	9	5	 
Molybdenum	ppm	■ <1	<1	 
Nickel	ppm		0	 
Titanium	ppm	2	<1	 
Silver	ppm	0	0	 
Manganese	ppm	21	22	 
Vanadium	ppm	0	0	 

**ADDITIVES** 3137 3683 Calcium ppm Magnesium ppm **4** 11 Zinc 1257 1445 ppm Phosphorus ppm 967 1112 Barium ppm 0 0 Boron ppm 112 108



ALTA EQUIPMENT

5985 COURT STREET ROAD SYRACUSE, NY US 13206 Contact: JIM STRIGLE JIM.STRIGLE@ALTG.COM T: (315)437-2611 F: (315)434-9471

## Diagnosis

We advise that you check all areas where dirt can enter the system. Resample at the next service interval to monitor.Gear wear is indicated. All other 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: VOLVO0142 Unique No: 10577007 Signed: Don Baldridge **Report Date:** 31 Jul 2023

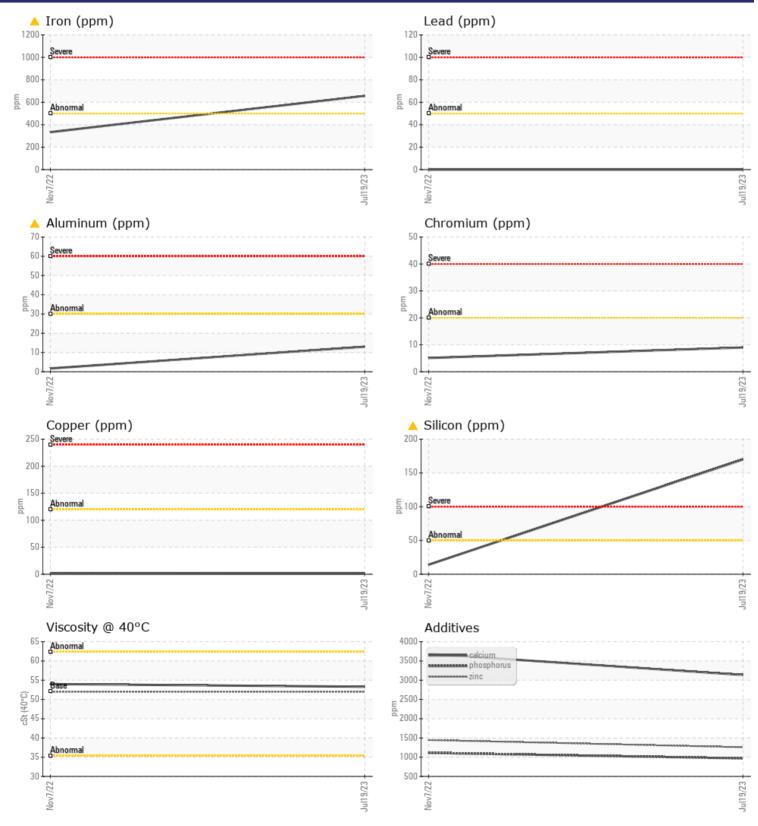
Contact/Location: JIM STRIGLE - VOLVO0142

## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



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Contact/Location: JIM STRIGLE - VOLVO0142