CONSTRUCTION EQUIPMENT SW0-067600 LH0IST VOLVO L350H 1007 - FRONT AXLE

 Sample No:
 VCP445733

 Oil Type:
 NOT GIVEN

 Job No:
 SWO-067600 LHOIST

VOLVO

SAMPLE INFORMATION VCP445733 Sample Number VCP402616 VCP357755 VCP341609 Sample Date 17 Nov 2023 05 Apr 2023 15 Apr 2022 03 Nov 2021 Machine Hours 17555 1551 12518 10571 Oil Hours 0 0 0 0 Oil Changed Not Changd Not Changd Changed Changed SEVERE NORMAL NORMAL Sample Status SEVERE **OIL CONDITION** Visc @ 40°C cSt 52.6 53.7 52.4 49.3 CONTAMINATION NEG Water % NEG NEG NEG 23 13 Silicon 24 12 ppm Sodium 2 6 6 ppm 1 Potassium ppm 0 0 0 $\square 0$ WEAR METALS 1161 Iron ppm 1047 126 151 Copper ppm **7** 4 8 12 Lead ppm **||** <1 0 <1 < 1 Tin ppm 0 0 1 1 Aluminum ■<1 2 1 <1 ppm Chromium 2 2 <1 < 1 ppm Molybdenum 4 6 ppm 1 1 Nickel 0 0 0 0 ppm Titanium ppm 0 0 <1 <1 Silver 0 0 <1 0 ppm Manganese ppm 12 11 2 2

Vanadium

ppm

0

Calcium	ppm	2977	3282	3368	2867
Magnesium	ppm	7	8	60	61
Zinc	ppm	1244	1242	1335	1205
Phosphorus	ppm	1130	1088	1155	1074
Barium	ppm	2	0	0	0
Boron	ppm	82	101	116	108

0

0

0



COWIN EQUIPMENT COMPANY

2238 PINSON VALLEY PARKWAY BIRMINGHAM, AL US 35217 Contact: BRANTLY CLAY bclay@cowin.com T: F: (205)856-2106

Diagnosis

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.The iron level is severe. Gear wear is indicated. There is no indication of any contamination in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

 Depot:
 VOLVO8528

 Unique No:
 10755965

 Signed:
 Sean Felton

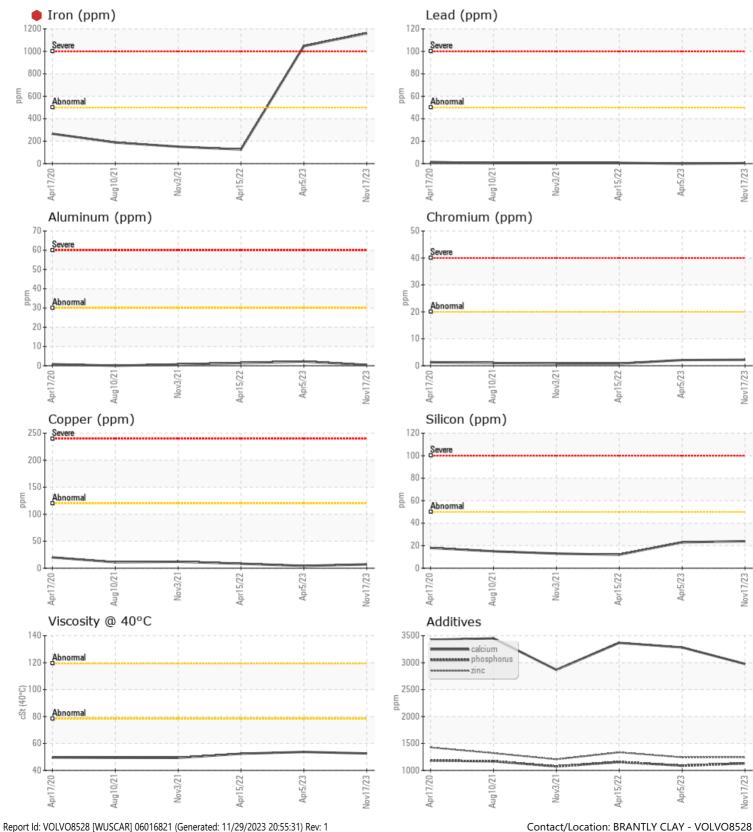
 Report Date:
 28 Nov 2023

CONSTRUCTION EQUIPMENT



GRAPHS

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