



CONSTRUCTION EQUIPMENT

133987 VOLVO L220H 3330 - REAR AXLE



Sample No: VCP423797
Oil Type: TDTO FLUID SAE 20
Job No: 133987



SAMPLE INFORMATION

Sample Number	VCP423797	VCP424572	VCP315597	VCP393208
Sample Date	08 Aug 2023	12 Jun 2023	11 Apr 2023	17 Feb 2023
Machine Hours	6543	6006	5456	4965
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Changed	Not Chngd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

LATTIMORE MATERIALS/HOLCIM - ROSSER - LAFARGE
 14242 S SH-34
 SCURRY, TX
 US 75158
 Contact: WALLACE WARREN
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 T:
 F:



OIL CONDITION

Visc @ 40°C	cSt	56.8	53.8	52.1	51.5
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CONTAMINATION

Silicon	ppm	25	7	8	8
Sodium	ppm	0	0	0	0
Potassium	ppm	1	1	0	<1

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	51	16	21	18
Copper	ppm	<1	<1	0	0
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	3	<1	<1	2
Chromium	ppm	<1	0	0	<1
Molybdenum	ppm	3	4	4	2
Nickel	ppm	<1	0	0	0
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	2863	2916	2734	2634
Magnesium	ppm	13	14	19	11
Zinc	ppm	1233	1270	1188	1163
Phosphorus	ppm	1023	1034	973	960
Barium	ppm	2	0	0	<1
Boron	ppm	5	9	12	6

Depot: LATSCU
Unique No: 10603739
Signed: Wes Davis
Report Date: 15 Aug 2023



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GRAPHS

