



CONSTRUCTION EQUIPMENT

SWA350376-20 VOLVO L220H 2933 - REAR AXLE



Sample No: VCP424077
Oil Type: VOLVO WB 102
Job No: SWA350376-20



SAMPLE INFORMATION

Sample Number	VCP424077	VCP332065	VCP359968	VCP326780
Sample Date	07 Sep 2023	26 Aug 2022	15 Apr 2022	07 Oct 2021
Machine Hours	9700	4665	4205	3532
Oil Hours	0	500	4000	0
Oil Changed	Changed	Not Changd	Changed	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

DENALI WE CARE
 400 TORNE RD
 HILLBURN, NY
 US 10931
 Contact: Service Manager

OIL CONDITION

Visc @ 40°C	cSt	42.3	42.3	40.9	41.0
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T:
F:

CONTAMINATION

Silicon	ppm	11	10	11	13
Sodium	ppm	6	4	8	9
Potassium	ppm	0	0	0	3

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	21	7	59	46
Copper	ppm	4	<1	5	4
Lead	ppm	0	0	<1	0
Tin	ppm	<1	0	<1	0
Aluminum	ppm	1	1	1	1
Chromium	ppm	<1	<1	2	1
Molybdenum	ppm	0	0	1	<1
Nickel	ppm	0	0	0	<1
Titanium	ppm	<1	0	0	<1
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	2	2
Vanadium	ppm	<1	0	0	0

ADDITIVES

Calcium	ppm	3941	3872	3958	4330
Magnesium	ppm	3	11	14	11
Zinc	ppm	1624	1507	1576	1619
Phosphorus	ppm	1280	1250	1331	1256
Barium	ppm	0	0	0	0
Boron	ppm	131	153	127	112

Depot: DENHIL
Unique No: 10655639
Signed: Wes Davis
Report Date: 20 Sep 2023



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VOLVO GRAPHS

