



CONSTRUCTION EQUIPMENT

SWA549039-10 VOLVO L220H 2933 - TRANSMISSION (AUTO)



Sample No: VCP431684
Oil Type: VOLVO AT 102
Job No: SWA549039-10



SAMPLE INFORMATION

Sample Number	VCP431684	VCP424076	VCP342764	VCP359948
Sample Date	07 May 2024	07 Sep 2023	26 Aug 2022	15 Apr 2022
Machine Hours	6909	9700	4665	4205
Oil Hours	0	0	500	2000
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Changed
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	27.3	27.8	27.9	26.0
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T:
 F:



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	4	4	4	5
Sodium	ppm	3	3	2	5
Potassium	ppm	0	<1	0	0

Diagnosis

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



WEAR METALS

Iron	ppm	31	28	21	63
Copper	ppm	6	5	6	10
Lead	ppm	0	0	0	0
Tin	ppm	0	0	<1	0
Aluminum	ppm	<1	1	2	2
Chromium	ppm	0	0	0	<1
Molybdenum	ppm	0	0	<1	<1
Nickel	ppm	0	0	0	0
Titanium	ppm	0	<1	0	0
Silver	ppm	0	0	<1	0
Manganese	ppm	2	2	1	4
Vanadium	ppm	0	<1	0	0



ADDITIVES

Calcium	ppm	67	79	74	90
Magnesium	ppm	0	0	<1	0
Zinc	ppm	8	0	9	19
Phosphorus	ppm	189	199	188	158
Barium	ppm	<1	0	0	0
Boron	ppm	84	86	87	58

Depot: DENHIL
Unique No: 11030570
Signed: Don Baldrige
Report Date: 16 May 2024



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GRAPHS

