



CONSTRUCTION EQUIPMENT

24434 VOLVO L350H 1178 - TRANSMISSION (MANUAL)



Sample No: VCP429036
Oil Type: VOLVO SUPER TRANSMISSION OIL SAE 30
Job No: 24434



SAMPLE INFORMATION

Sample Number	VCP429036	VCP420876	VCP423584	VCP359823
Sample Date	22 Nov 2023	10 Jul 2023	31 Mar 2023	24 May 2022
Machine Hours	6074	4999	4261	1972
Oil Hours	0	1000	2000	0
Oil Changed	Changed	Changed	Changed	N/A
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

218 - ASCENDUM MACHINERY INC - N. CHARLESTON
 7235 CROSS COUNTRY RD.
 NORTH CHARLESTON, SC
 US 29418
 Contact: MATT MITCHAM
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OIL CONDITION

Visc @ 40°C	cSt	96.3	93.2	88.5	70.5
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	12	10	17	22
Sodium	ppm	0	1	2	<1
Potassium	ppm	1	<1	2	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 fluid. The condition of the fluid is acceptable for the time in service.



WEAR METALS

Iron	ppm	21	15	29	19
Copper	ppm	26	24	47	47
Lead	ppm	0	0	<1	<1
Tin	ppm	<1	0	<1	<1
Aluminum	ppm	2	1	<1	1
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	3	4	0	<1
Nickel	ppm	0	0	0	0
Titanium	ppm	<1	0	0	<1
Silver	ppm	0	0	0	0
Manganese	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3115	3206	3154	3121
Magnesium	ppm	43	65	11	9
Zinc	ppm	1202	1320	1286	1297
Phosphorus	ppm	1021	1057	1097	1070
Barium	ppm	2	0	0	<1
Boron	ppm	7	0	2	5

Depot: VOLVO3387
Unique No: 10767341
Signed: Wes Davis
Report Date: 04 Dec 2023



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VOLVO GRAPHS

