



CONSTRUCTION EQUIPMENT

W02007859 VOLVO L350F 1597 - TRANSMISSION (AUTO)



Sample No: VCP412081

Oil Type: MOBIL ATF

Job No: W02007859



SAMPLE INFORMATION

Sample Number	VCP412081	VCP375233	VCP288681	VCP269069
Sample Date	03 Jan 2024	08 Jul 2022	02 Oct 2020	17 Jan 2020
Machine Hours	17636	15305	12236	10884
Oil Hours	2000	2000	0	1000
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	ABNORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	29.3	29.6	31.1	39.0
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CONTAMINATION

Water	%	0.266	NEG	NEG	NEG
Silicon	ppm	13	8	5	5
Sodium	ppm	6	3	2	2
Potassium	ppm	4	3	0	<1

Diagnosis

Oil and filter change at the time of sampling has been noted. We recommend an early resample to monitor this condition. Gear wear is indicated. There is a light concentration of water present in the fluid. The condition of the fluid is acceptable for the time in service.



WEAR METALS

Iron	ppm	264	25	7	5
Copper	ppm	211	97	27	60
Lead	ppm	10	4	0	<1
Tin	ppm	3	1	0	<1
Aluminum	ppm	2	1	<1	<1
Chromium	ppm	1	0	0	0
Molybdenum	ppm	1	<1	2	11
Nickel	ppm	3	0	0	<1
Titanium	ppm	13	<1	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	6	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	121	120	257	715
Magnesium	ppm	13	10	30	128
Zinc	ppm	145	86	98	335
Phosphorus	ppm	160	159	252	424
Barium	ppm	8	0	<1	0
Boron	ppm	31	31	42	37

Depot: VOLVO0002
Unique No: 10820409
Signed: Jonathan Hester
Report Date: 10 Jan 2024

VOLVO **GRAPHS**

