



CONSTRUCTION EQUIPMENT

SPM580303 SUWANNEE VOLVO L180H 5419 - TRANSMISSION (AUTO)



Sample No: VCP412606
Oil Type: VOLVO AT 102
Job No: SPM580303 SUWANNEE



SAMPLE INFORMATION

Sample Number	VCP412606	VCP417254	VCP404986	VCP398623
Sample Date	18 Jul 2023	02 Jun 2023	14 Apr 2023	14 Dec 2022
Machine Hours	9778	9285	8764	7772
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Changed	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	28.3	28.4	26.8	27.6
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CONTAMINATION

Silicon	ppm	2	2	3	3
Sodium	ppm	2	<1	1	3
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	13	12	37	33
Copper	ppm	1	2	4	4
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	0	<1	<1
Chromium	ppm	0	0	0	<1
Molybdenum	ppm	0	<1	0	<1
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	1	1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	78	74	72	76
Magnesium	ppm	1	1	2	0
Zinc	ppm	1	4	1	11
Phosphorus	ppm	206	194	181	184
Barium	ppm	0	0	0	0
Boron	ppm	90	90	75	78

Depot: VOLVO0093
Unique No: 10566049
Signed: Wes Davis
Report Date: 24 Jul 2023



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VOLVO GRAPHS

