



CONSTRUCTION EQUIPMENT

VOLVO L180H 5290 - TRANSMISSION (AUTO)



Sample No: VCP312989

Oil Type: MOBIL ATF

Job No:



SAMPLE INFORMATION

Sample Number	VCP312989	VCP312683	VCP343279	VCP386305
Sample Date	13 Nov 2023	07 Sep 2023	19 Jun 2023	13 Mar 2023
Machine Hours	6425	5994	5464	4934
Oil Hours	961	530	1117	587
Oil Changed	Changed	Not Changd	Changed	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	27.3	27.9	28.7	29.5
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	2	3	2	2
Sodium	ppm	4	<1	1	1
Potassium	ppm	<1	<1	<1	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	6	6	7	4
Copper	ppm	<1	1	<1	<1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	<1	0
Aluminum	ppm	0	0	<1	<1
Chromium	ppm	0	0	0	0
Molybdenum	ppm	0	<1	0	0
Nickel	ppm	<1	<1	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	0	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	115	118	83	79
Magnesium	ppm	3	3	0	2
Zinc	ppm	0	11	0	5
Phosphorus	ppm	247	248	243	223
Barium	ppm	0	0	0	0
Boron	ppm	99	118	128	126

Depot: SCHGRE
Unique No: 10756058
Signed: Wes Davis
Report Date: 27 Nov 2023



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GRAPHS

