



CONSTRUCTION EQUIPMENT

VOLVO L180H 5290 - TRANSMISSION (AUTO)



Sample No: VCP444713

Oil Type: MOBIL ATF

Job No:



SAMPLE INFORMATION

Sample Number	VCP444713	VCP433658	VCP312989	VCP312683
Sample Date	04 Jun 2024	06 Mar 2024	13 Nov 2023	07 Sep 2023
Machine Hours	7436	6999	6425	5994
Oil Hours	1011	574	961	530
Oil Changed	Changed	Not Changd	Changed	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	28.2	32.7	27.3	27.9
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CONTAMINATION

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

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	10	0	6	6
Copper	ppm	1	<1	<1	1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	2	0	0	0
Chromium	ppm	<1	0	0	0
Molybdenum	ppm	<1	0	0	<1
Nickel	ppm	0	0	<1	<1
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	0	<1	0
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	93	84	115	118
Magnesium	ppm	2	0	3	3
Zinc	ppm	7	0	0	11
Phosphorus	ppm	287	230	247	248
Barium	ppm	<1	0	0	0
Boron	ppm	122	120	99	118

Depot: SCHGRE
Unique No: 11085077
Signed: Don Baldrige
Report Date: 19 Jun 2024



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VOLVO GRAPHS

