



CONSTRUCTION EQUIPMENT

VOLVO L180H 5290 - TRANSMISSION (AUTO)



Sample No: VCP343279

Oil Type: MOBIL ATF

Job No:



SAMPLE INFORMATION

Sample Number	VCP343279	VCP386305	VCP377133	VCP337162
Sample Date	19 Jun 2023	13 Mar 2023	21 Nov 2022	07 Sep 2022
Machine Hours	5464	4934	4347	3911
Oil Hours	1117	587	1019	583
Oil Changed	Changed	Not Changd	Changed	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	28.7	29.5	34.1	29.3
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CONTAMINATION

Silicon	ppm	2	2	2	2
Sodium	ppm	1	1	1	2
Potassium	ppm	<1	0	0	5

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	7	4	6	4
Copper	ppm	<1	<1	1	1
Lead	ppm	0	0	0	<1
Tin	ppm	<1	0	0	<1
Aluminum	ppm	<1	<1	0	1
Chromium	ppm	0	0	0	<1
Molybdenum	ppm	0	0	0	<1
Nickel	ppm	0	0	0	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	<1



ADDITIVES

Calcium	ppm	83	79	82	79
Magnesium	ppm	0	2	0	2
Zinc	ppm	0	5	0	5
Phosphorus	ppm	243	223	214	224
Barium	ppm	0	0	0	0
Boron	ppm	128	126	118	106

Depot: SCHGRE
Unique No: 10546449
Signed: Don Baldrige
Report Date: 07 Jul 2023



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VOLVO GRAPHS

