



CONSTRUCTION EQUIPMENT

VOLVO L180H 5290 - REAR AXLE



Sample No: VCP312991
Oil Type: MOBIL MOBILFLUID 424
Job No:



SAMPLE INFORMATION

Sample Number	VCP312991	VCP312691	VCP343270	VCP377132
Sample Date	13 Nov 2023	07 Sep 2023	19 Jun 2023	21 Nov 2022
Machine Hours	6425	5994	5464	4347
Oil Hours	961	530	1117	1019
Oil Changed	Changed	Not Chngd	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	51.3	52.9	49.4	51.4
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	12	12	12	9
Sodium	ppm	4	2	3	5
Potassium	ppm	0	1	0	2

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	6	8	6	8
Copper	ppm	<1	<1	<1	<1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	2	<1	<1
Chromium	ppm	0	<1	0	<1
Molybdenum	ppm	<1	1	<1	<1
Nickel	ppm	0	<1	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	3371	3357	3569	3673
Magnesium	ppm	15	15	17	19
Zinc	ppm	1432	1441	1399	1448
Phosphorus	ppm	1136	1145	1119	1161
Barium	ppm	0	0	0	0
Boron	ppm	113	137	128	112

Depot: SCHGRE
Unique No: 10755957
Signed: Wes Davis
Report Date: 27 Nov 2023



CONSTRUCTION EQUIPMENT



GRAPHS

