



CONSTRUCTION EQUIPMENT

VOLVO L180H 5290 - FRONT AXLE



Sample No: VCP343278
Oil Type: MOBIL MOBILFLUID 424
Job No:



SAMPLE INFORMATION

Sample Number	VCP343278	VCP377263	VCP377131	VCP337168
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	ABNORMAL	NORMAL	ABNORMAL

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OIL CONDITION

Visc @ 40°C	cSt	49.0	50.3	50.9	52.3
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CONTAMINATION

Silicon	ppm	17	16	14	14
Sodium	ppm	3	3	5	3
Potassium	ppm	0	0	2	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 oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	20	17	21	14
Copper	ppm	<1	0	<1	<1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	1	<1	1
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	<1	1	1	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	3649	3527	3662	3591
Magnesium	ppm	22	23	21	22
Zinc	ppm	1418	1355	1425	1380
Phosphorus	ppm	1117	1090	1155	1106
Barium	ppm	0	0	0	0
Boron	ppm	131	126	115	113

Depot: SCHGRE
Unique No: 10546395
Signed: Wes Davis
Report Date: 06 Jul 2023



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VOLVO GRAPHS

