



CONSTRUCTION EQUIPMENT

716307 BULK EXPRESS VOLVO L180H 5720 - REAR AXLE



Sample No: VCP454920
Oil Type: VOLVO WB 102
Job No: 716307 BULK EXPRESS



SAMPLE INFORMATION

Sample Number	VCP454920	VCP441784	VCP432359	VCP434601
Sample Date	15 May 2024	07 Feb 2024	20 Dec 2023	07 Nov 2023
Machine Hours	3576	2615	2139	1692
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	44.5	43.1	41.6	45.7
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	15	42	14	14
Sodium	ppm	3	4	<1	3
Potassium	ppm	2	2	4	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	55	90	54	40
Copper	ppm	4	4	4	3
Lead	ppm	0	0	<1	2
Tin	ppm	0	0	0	<1
Aluminum	ppm	2	7	2	1
Chromium	ppm	2	2	2	2
Molybdenum	ppm	6	2	6	3
Nickel	ppm	0	0	<1	0
Titanium	ppm	0	<1	<1	0
Silver	ppm	<1	0	0	0
Manganese	ppm	3	4	4	3
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	3908	3582	3820	3695
Magnesium	ppm	39	12	13	12
Zinc	ppm	1570	1499	1601	1579
Phosphorus	ppm	1375	1309	1360	1342
Barium	ppm	0	0	10	0
Boron	ppm	153	130	133	129

Depot: VOLVO0096
Unique No: 11036046
Signed: Wes Davis
Report Date: 21 May 2024



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VOLVO GRAPHS

