



CONSTRUCTION EQUIPMENT

3598 BULK EXPRESS VOLVO L180H 5720 - REAR AXLE



Sample No: VCP441784
Oil Type: VOLVO WB 102
Job No: 3598 BULK EXPRESS



SAMPLE INFORMATION

Sample Number	VCP441784	VCP432359	VCP434601	VCP434828
Sample Date	07 Feb 2024	20 Dec 2023	07 Nov 2023	13 Sep 2023
Machine Hours	2615	2139	1692	1126
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Changd	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	43.1	41.6	45.7	41.2
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	42	14	14	12
Sodium	ppm	4	<1	3	3
Potassium	ppm	2	4	2	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	90	54	40	51
Copper	ppm	4	4	3	3
Lead	ppm	0	<1	2	0
Tin	ppm	0	0	<1	<1
Aluminum	ppm	7	2	1	<1
Chromium	ppm	2	2	2	1
Molybdenum	ppm	2	6	3	4
Nickel	ppm	0	<1	0	0
Titanium	ppm	<1	<1	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	4	4	3	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3582	3820	3695	3906
Magnesium	ppm	12	13	12	12
Zinc	ppm	1499	1601	1579	1610
Phosphorus	ppm	1309	1360	1342	1323
Barium	ppm	0	10	0	0
Boron	ppm	130	133	129	149

Depot: VOLVO0096
Unique No: 10873850
Signed: Wes Davis
Report Date: 13 Feb 2024



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GRAPHS

