



CONSTRUCTION EQUIPMENT

D27477 JANESVILLE VOLVO L70H 623025 - REAR AXLE



Sample No: VCP405107
Oil Type: MOBIL WB 102
Job No: D27477 JANESVILLE



SAMPLE INFORMATION

Sample Number	VCP405107	VCP381239	VCP395273	VCP391318
Sample Date	18 Jul 2023	17 May 2023	15 Mar 2023	14 Dec 2022
Machine Hours	7632	7425	7200	6860
Oil Hours	4000	0	1500	1000
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	42.2	41.7	42.8	42.6
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CONTAMINATION

Silicon	ppm	14	9	16	15
Sodium	ppm	5	4	5	6
Potassium	ppm	1	<1	0	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	131	67	127	119
Copper	ppm	2	2	2	2
Lead	ppm	<1	0	0	<1
Tin	ppm	0	<1	<1	2
Aluminum	ppm	3	<1	1	8
Chromium	ppm	1	<1	1	1
Molybdenum	ppm	2	<1	2	2
Nickel	ppm	<1	<1	<1	<1
Titanium	ppm	<1	<1	<1	0
Silver	ppm	<1	0	<1	0
Manganese	ppm	2	1	3	2
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	4269	3346	4056	4219
Magnesium	ppm	12	12	16	17
Zinc	ppm	1774	1578	1511	1596
Phosphorus	ppm	1415	1343	1184	1234
Barium	ppm	0	0	0	0
Boron	ppm	149	120	128	138

Depot: VOLVO0070
Unique No: 10589806
Signed: Wes Davis
Report Date: 08 Aug 2023



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VOLVO GRAPHS

