



CONSTRUCTION EQUIPMENT

TRANSPORT LEASING VOLVO L220H 3068 - FRONT AXLE



Sample No: VCP368335
Oil Type: MOBIL MOBILFLUID 424
Job No: TRANSPORT LEASING



SAMPLE INFORMATION

Sample Number	VCP368335	VCP400159	VCP385003	VCP320157
Sample Date	09 Jan 2024	12 Oct 2023	06 Feb 2023	03 Mar 2022
Machine Hours	12343	11271	10014	8057
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	N/A	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	53.3	51.2	49.3	49.4
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	18	18	17	13
Sodium	ppm	0	<1	0	3
Potassium	ppm	1	0	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	92	33	38	49
Copper	ppm	<1	0	0	<1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	2	1	<1	2
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	1	<1	6	37
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	<1
Silver	ppm	0	0	0	<1
Manganese	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3324	3504	3479	3223
Magnesium	ppm	23	37	48	163
Zinc	ppm	1217	1480	1416	1335
Phosphorus	ppm	1224	1212	1166	1129
Barium	ppm	0	<1	0	0
Boron	ppm	104	118	125	91

Depot: VOLVO1835
Unique No: 10842673
Signed: Wes Davis
Report Date: 22 Jan 2024



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VOLVO GRAPHS

