



CONSTRUCTION EQUIPMENT

TRANSPORT LEASING VOLVO L220H 3069 - REAR AXLE



Sample No: VCP431001
Oil Type: MOBIL MOBILFLUID 424
Job No: TRANSPORT LEASING



SAMPLE INFORMATION

Sample Number	VCP431001	VCP393779	VCP384977	VCP339798
Sample Date	12 Dec 2023	18 Apr 2023	25 Oct 2022	11 Apr 2022
Machine Hours	14549	13507	11315	10745
Oil Hours	0	0	0	0
Oil Changed	N/A	N/A	Changed	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	52.0	50.1	51.2	53.0
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	16	17	13	15
Sodium	ppm	0	<1	1	2
Potassium	ppm	0	0	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	13	11	13	8
Copper	ppm	0	3	0	0
Lead	ppm	1	0	<1	<1
Tin	ppm	0	0	<1	<1
Aluminum	ppm	1	1	1	1
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	2	2	5	5
Nickel	ppm	0	0	0	0
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	3196	3398	3360	3734
Magnesium	ppm	11	31	47	53
Zinc	ppm	1299	1354	1387	1402
Phosphorus	ppm	1009	1086	1040	1191
Barium	ppm	0	0	0	0
Boron	ppm	123	118	114	118

Depot: VOLVO1835
Unique No: 10796054
Signed: Wes Davis
Report Date: 21 Dec 2023



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VOLVO GRAPHS

