



CONSTRUCTION EQUIPMENT

TRANSPORT LEASING VOLVO L220H 3069 - FRONT AXLE



Sample No: VCP429834
Oil Type: MOBIL MOBILFLUID 424
Job No: TRANSPORT LEASING



SAMPLE INFORMATION

Sample Number	VCP429834	VCP392976	VCP382523	VCP371242
Sample Date	12 Dec 2023	18 Apr 2023	10 Jan 2023	09 Jan 2023
Machine Hours	14549	13507	12334	12334
Oil Hours	0	0	0	0
Oil Changed	Changed	N/A	N/A	N/A
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	54.5	50.7	50.9	50.0
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	17	18	16	15
Sodium	ppm	0	2	0	0
Potassium	ppm	0	0	1	1

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	137	117	98	11
Copper	ppm	<1	<1	<1	<1
Lead	ppm	1	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	2	2	<1	<1
Chromium	ppm	1	1	<1	<1
Molybdenum	ppm	3	4	4	4
Nickel	ppm	<1	0	0	0
Titanium	ppm	3	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	4	3	1	<1
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	3196	3341	3324	3444
Magnesium	ppm	7	31	42	43
Zinc	ppm	1304	1333	1302	1351
Phosphorus	ppm	1019	1068	1061	1108
Barium	ppm	0	0	0	0
Boron	ppm	118	112	114	118

Depot: VOLVO1835
Unique No: 10796053
Signed: Wes Davis
Report Date: 21 Dec 2023



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VOLVO GRAPHS

