



CONSTRUCTION EQUIPMENT

TRANSPORT LEASING VOLVO L220H 2268 - REAR AXLE



Sample No: VCP429827
Oil Type: MOBIL MOBILFLUID 424
Job No: TRANSPORT LEASING



SAMPLE INFORMATION

Sample Number	VCP429827	VCP400157	VCP393730	VCP371236
Sample Date	26 Jan 2024	31 Oct 2023	26 Apr 2023	01 Feb 2023
Machine Hours	23943	22857	21868	20986
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	53.7	52.0	51.3	51.8
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	15	15	16	15
Sodium	ppm	<1	<1	1	0
Potassium	ppm	0	0	0	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	5	7	10	17
Copper	ppm	0	0	0	0
Lead	ppm	0	0	0	0
Tin	ppm	<1	0	0	0
Aluminum	ppm	<1	<1	1	0
Chromium	ppm	<1	0	<1	<1
Molybdenum	ppm	0	<1	4	10
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	0	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3315	3303	3242	3243
Magnesium	ppm	21	27	46	110
Zinc	ppm	1385	1337	1424	1370
Phosphorus	ppm	1147	1044	1126	1116
Barium	ppm	0	0	0	0
Boron	ppm	109	114	111	113

Depot: VOLVO1835
Unique No: 10870293
Signed: Wes Davis
Report Date: 08 Feb 2024



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GRAPHS

