



CONSTRUCTION EQUIPMENT

TRANSPORT LEASING VOLVO L180H 4929 - REAR AXLE



Sample No: VCP368356
Oil Type: MOBIL MOBILFLUID 424
Job No: TRANSPORT LEASING



SAMPLE INFORMATION

Sample Number	VCP368356	VCP368343	VCP402499	VCP335690
Sample Date	07 Mar 2024	22 Nov 2023	19 Apr 2023	22 Dec 2022
Machine Hours	12019	11038	10202	9173
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	N/A	N/A
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	50.5	50.7	49.2	49.5
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	21	19	17	1
Sodium	ppm	0	4	<1	12
Potassium	ppm	1	6	0	29

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	190	117	141	85
Copper	ppm	<1	<1	<1	<1
Lead	ppm	<1	0	0	2
Tin	ppm	0	0	0	<1
Aluminum	ppm	2	<1	1	<1
Chromium	ppm	1	<1	1	<1
Molybdenum	ppm	7	2	4	2
Nickel	ppm	<1	0	0	<1
Titanium	ppm	<1	<1	0	<1
Silver	ppm	0	0	0	<1
Manganese	ppm	2	1	2	<1
Vanadium	ppm	0	<1	0	<1



ADDITIVES

Calcium	ppm	3535	3277	3369	22
Magnesium	ppm	46	19	36	12
Zinc	ppm	1412	1339	1348	33
Phosphorus	ppm	1045	1114	1084	260
Barium	ppm	0	0	0	0
Boron	ppm	138	113	113	5

Depot: VOLVO1835
Unique No: 10940912
Signed: Wes Davis
Report Date: 25 Mar 2024



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VOLVO GRAPHS

