



CONSTRUCTION EQUIPMENT

VOLVO L150H 5363 - REAR AXLE



Sample No: VCP416549
Oil Type: MOBIL MOBILFLUID 424
Job No:



SAMPLE INFORMATION

Sample Number	VCP416549	VCP393426	VCP408846	VCP366584
Sample Date	30 Oct 2023	07 Sep 2023	28 Jun 2023	17 Feb 2023
Machine Hours	9233	8999	8740	8239
Oil Hours	1222	988	740	250
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	ABNORMAL

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OIL CONDITION

Visc @ 40°C	cSt	46.0	46.2	46.8	49.1
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CONTAMINATION

Silicon	ppm	9	9	9	10
Sodium	ppm	2	3	1	<1
Potassium	ppm	0	2	<1	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	109	63	54	19
Copper	ppm	1	3	<1	0
Lead	ppm	<1	1	0	0
Tin	ppm	0	<1	0	0
Aluminum	ppm	<1	0	1	0
Chromium	ppm	1	<1	<1	0
Molybdenum	ppm	6	4	5	3
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	1	2	<1	1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3214	3411	3606	3139
Magnesium	ppm	30	37	35	37
Zinc	ppm	1334	1353	1483	1286
Phosphorus	ppm	1031	1196	1222	976
Barium	ppm	0	0	0	0
Boron	ppm	102	102	100	89

Depot: MARDIC
Unique No: 10729528
Signed: Sean Felton
Report Date: 09 Nov 2023



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VOLVO GRAPHS

