



CONSTRUCTION EQUIPMENT

VOLVO L150H 5363 - REAR AXLE



Sample No: VCP393426
Oil Type: MOBIL MOBILFLUID 424
Job No:



SAMPLE INFORMATION

Sample Number	VCP393426	VCP408846	VCP366584	VCP383682
Sample Date	07 Sep 2023	28 Jun 2023	17 Feb 2023	26 Dec 2022
Machine Hours	8999	8740	8239	8011
Oil Hours	988	740	250	2049
Oil Changed	Not Chngd	Not Chngd	Not Chngd	N/A
Sample Status	NORMAL	NORMAL	ABNORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	46.2	46.8	49.1	51.0
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CONTAMINATION

Silicon	ppm	9	9	10	7
Sodium	ppm	3	1	<1	3
Potassium	ppm	2	<1	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	63	54	19	157
Copper	ppm	3	<1	0	3
Lead	ppm	1	0	0	<1
Tin	ppm	<1	0	0	<1
Aluminum	ppm	0	1	0	<1
Chromium	ppm	<1	<1	0	2
Molybdenum	ppm	4	5	3	6
Nickel	ppm	0	0	0	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	2	<1	1	2
Vanadium	ppm	0	0	0	<1



ADDITIVES

Calcium	ppm	3411	3606	3139	3183
Magnesium	ppm	37	35	37	32
Zinc	ppm	1353	1483	1286	1315
Phosphorus	ppm	1196	1222	976	1064
Barium	ppm	0	0	0	0
Boron	ppm	102	100	89	98

Depot: MARDIC
Unique No: 10645585
Signed: Don Baldrige
Report Date: 15 Sep 2023



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VOLVO GRAPHS

