



CONSTRUCTION EQUIPMENT

VOLVO L150H 5363 - REAR AXLE



Sample No: VCP408846
Oil Type: MOBIL MOBILFLUID 424
Job No:



SAMPLE INFORMATION

Sample Number	VCP408846	VCP366584	VCP383682	VCP364908
Sample Date	28 Jun 2023	17 Feb 2023	26 Dec 2022	02 Nov 2022
Machine Hours	8740	8239	8011	7749
Oil Hours	740	250	2049	1749
Oil Changed	Not Changd	Not Changd	N/A	Not Changd
Sample Status	NORMAL	ABNORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	46.8	49.1	51.0	51.5
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CONTAMINATION

Silicon	ppm	9	10	7	7
Sodium	ppm	1	<1	3	3
Potassium	ppm	<1	0	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	54	19	157	119
Copper	ppm	<1	0	3	3
Lead	ppm	0	0	<1	0
Tin	ppm	0	0	<1	0
Aluminum	ppm	1	0	<1	1
Chromium	ppm	<1	0	2	1
Molybdenum	ppm	5	3	6	5
Nickel	ppm	0	0	<1	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	1	2	1
Vanadium	ppm	0	0	<1	0



ADDITIVES

Calcium	ppm	3606	3139	3183	3108
Magnesium	ppm	35	37	32	26
Zinc	ppm	1483	1286	1315	1190
Phosphorus	ppm	1222	976	1064	1017
Barium	ppm	0	0	0	0
Boron	ppm	100	89	98	106

Depot: MARDIC
Unique No: 10559585
Signed: Wes Davis
Report Date: 14 Jul 2023



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VOLVO GRAPHS

