



CONSTRUCTION EQUIPMENT

VOLVO L150H 5363 - FRONT AXLE



Sample No: VCP409008
Oil Type: MOBIL MOBILFLUID 424
Job No:



SAMPLE INFORMATION

Sample Number	VCP409008	VCP366580	VCP383678	VCP366664
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 Chngd	Not Chngd	Changed	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	47.0	50.6	50.6	50.8
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CONTAMINATION

Silicon	ppm	8	9	5	5
Sodium	ppm	1	<1	2	2
Potassium	ppm	<1	0	0	0



WEAR METALS

Iron	ppm	11	5	18	18
Copper	ppm	<1	0	5	5
Lead	ppm	0	0	<1	<1
Tin	ppm	<1	0	0	0
Aluminum	ppm	1	0	<1	1
Chromium	ppm	<1	0	<1	<1
Molybdenum	ppm	2	2	4	4
Nickel	ppm	0	0	<1	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3638	3176	3037	3160
Magnesium	ppm	34	36	23	20
Zinc	ppm	1496	1261	1270	1211
Phosphorus	ppm	1251	958	1037	1039
Barium	ppm	0	0	0	0
Boron	ppm	100	88	88	99

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.

Depot: MARDIC
Unique No: 10559587
Signed: Wes Davis
Report Date: 14 Jul 2023



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GRAPHS

