



CONSTRUCTION EQUIPMENT

VOLVO L150H 5363 - FRONT AXLE



Sample No: VCP416548
Oil Type: MOBIL MOBILFLUID 424
Job No:



SAMPLE INFORMATION

Sample Number	VCP416548	VCP392697	VCP409008	VCP366580
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	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	46.3	46.5	47.0	50.6
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CONTAMINATION

Silicon	ppm	8	8	8	9
Sodium	ppm	2	2	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	13	9	11	5
Copper	ppm	3	4	<1	0
Lead	ppm	<1	1	0	0
Tin	ppm	0	<1	<1	0
Aluminum	ppm	<1	0	1	0
Chromium	ppm	0	<1	<1	0
Molybdenum	ppm	1	2	2	2
Nickel	ppm	0	0	0	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	3089	3271	3638	3176
Magnesium	ppm	28	32	34	36
Zinc	ppm	1284	1345	1496	1261
Phosphorus	ppm	1033	1099	1251	958
Barium	ppm	0	0	0	0
Boron	ppm	100	80	100	88

Depot: MARDIC
Unique No: 10729526
Signed: Sean Felton
Report Date: 09 Nov 2023



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GRAPHS

