



CONSTRUCTION EQUIPMENT

VOLVO L150F 14205 - REAR AXLE



Sample No: VCP312540
Oil Type: MOBIL MOBILFLUID 424
Job No:



SAMPLE INFORMATION

Sample Number	VCP312540	VCP385220	VCP385212	VCP359620
Sample Date	24 Oct 2023	09 Aug 2023	23 Feb 2023	23 Aug 2022
Machine Hours	25033	24538	23459	23260
Oil Hours	495	1079	199	944
Oil Changed	Not Chngd	Changed	Changed	Changed
Sample Status	NORMAL	ABNORMAL	NORMAL	ABNORMAL

SCHILDBERG CONSTRUCTION COMPANY
 PO BOX 358
 GREENFIELD, IA
 US 50849
 Contact: SCOTT ARMSTRONG
 sarmstrong@schildberg.com
 T: (641)743-8237
 F: (641)743-2486



OIL CONDITION

Visc @ 40°C	cSt	49.9	51.0	52.2	52.0
-------------	-----	-------------	------	------	------



CONTAMINATION

Silicon	ppm	28	27	12	18
Sodium	ppm	0	<1	9	7
Potassium	ppm	2	2	0	2

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	18	17	6	13
Copper	ppm	<1	0	0	<1
Lead	ppm	0	0	0	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	2	<1	2
Chromium	ppm	<1	<1	0	<1
Molybdenum	ppm	<1	<1	<1	<1
Nickel	ppm	0	0	0	0
Titanium	ppm	0	<1	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	<1	1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3730	4702	3480	3522
Magnesium	ppm	22	25	22	17
Zinc	ppm	1460	1736	1292	1403
Phosphorus	ppm	1212	1406	1045	1157
Barium	ppm	0	0	0	0
Boron	ppm	124	170	120	131

Depot: SCHGRE
Unique No: 10724406
Signed: Wes Davis
Report Date: 02 Nov 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

