



CONSTRUCTION EQUIPMENT

VOLVO L150F 14205 - REAR AXLE



Sample No: VCP416166
Oil Type: MOBIL MOBILFLUID 424
Job No:



SAMPLE INFORMATION

Sample Number	VCP416166	VCP312540	VCP385220	VCP385212
Sample Date	07 Feb 2024	24 Oct 2023	09 Aug 2023	23 Feb 2023
Machine Hours	25574	25033	24538	23459
Oil Hours	1036	495	1079	199
Oil Changed	Changed	Not Chngd	Changed	Changed
Sample Status	NORMAL	NORMAL	ABNORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	50.6	49.9	51.0	52.2
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	25	28	27	12
Sodium	ppm	3	0	<1	9
Potassium	ppm	<1	2	2	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	22	18	17	6
Copper	ppm	<1	<1	0	0
Lead	ppm	1	0	0	0
Tin	ppm	<1	0	0	0
Aluminum	ppm	2	<1	2	<1
Chromium	ppm	0	<1	<1	0
Molybdenum	ppm	<1	<1	<1	<1
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	<1	<1
Silver	ppm	0	0	0	0
Manganese	ppm	<1	0	<1	1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3617	3730	4702	3480
Magnesium	ppm	25	22	25	22
Zinc	ppm	1453	1460	1736	1292
Phosphorus	ppm	1111	1212	1406	1045
Barium	ppm	0	0	0	0
Boron	ppm	118	124	170	120

Depot: SCHGRE
Unique No: 10898635
Signed: Wes Davis
Report Date: 27 Feb 2024



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GRAPHS

