



CONSTRUCTION EQUIPMENT

VOLVO A40G 352566 - REAR AXLE



Sample No: VCP312551

Oil Type: MOBIL MOBILUBE HD 80W90

Job No:



SAMPLE INFORMATION

Sample Number	VCP312551	VCP401924	VCP404512	VCP386314
Sample Date	04 Oct 2023	13 Jul 2023	27 Apr 2023	06 Mar 2023
Machine Hours	4584	3940	3468	3021
Oil Hours	1176	532	1042	655
Oil Changed	Changed	Not Changd	Changed	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	132	133	140	137
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CONTAMINATION

Silicon	ppm	2	2	2	2
Sodium	ppm	0	<1	<1	2
Potassium	ppm	1	<1	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	26	18	51	42
Copper	ppm	<1	<1	1	<1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	1	0	0	<1
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	<1	1	2	2
Nickel	ppm	0	0	0	<1
Titanium	ppm	0	<1	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	3	2
Vanadium	ppm	0	<1	0	0



ADDITIVES

Calcium	ppm	392	388	145	145
Magnesium	ppm	7	9	15	13
Zinc	ppm	145	137	59	65
Phosphorus	ppm	978	939	982	1046
Barium	ppm	0	0	0	0
Boron	ppm	174	172	165	198

Depot: SCHGRE
Unique No: 10701214
Signed: Wes Davis
Report Date: 20 Oct 2023



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VOLVO GRAPHS

