



CONSTRUCTION EQUIPMENT

2901 VOLVO A40G 352199 - FRONT AXLE



Sample No: VCP404837
Oil Type: MOBIL MOBILUBE HD PLUS 80W90
Job No: 2901



SAMPLE INFORMATION

Sample Number	VCP404837	VCP390558	VCP385089	VCP373711
Sample Date	19 Jul 2023	13 Feb 2023	01 Nov 2022	22 Aug 2022
Machine Hours	5644	4597	4083	3567
Oil Hours	1047	1030	516	993
Oil Changed	Changed	Changed	Not Changd	Changed
Sample Status	NORMAL	ABNORMAL	NORMAL	ATTENTION

SCHILDBERG CONSTRUCTION COMPANY
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OIL CONDITION

Visc @ 40°C	cSt	132	125	126	▲ 48.8
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CONTAMINATION

Silicon	ppm	2	3	2	4
Sodium	ppm	<1	<1	1	<1
Potassium	ppm	<1	0	0	2



WEAR METALS

Iron	ppm	19	117	68	149
Copper	ppm	<1	0	0	2
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	0	<1	<1	<1
Chromium	ppm	<1	2	<1	2
Molybdenum	ppm	<1	2	2	2
Nickel	ppm	0	0	0	0
Titanium	ppm	<1	<1	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	<1	4	2	5
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	393	445	489	42
Magnesium	ppm	8	13	1	<1
Zinc	ppm	138	162	170	18
Phosphorus	ppm	943	922	1042	2274
Barium	ppm	0	0	0	0
Boron	ppm	169	165	166	280

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: SCHGRE
Unique No: 10586819
Signed: Wes Davis
Report Date: 04 Aug 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

