



CONSTRUCTION EQUIPMENT

VOLVO A40G 352025 - REAR AXLE



Sample No: VCP341884
Oil Type: MOBIL MOBILUBE HD 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP341884	VCP402328	VCP398286	VCP379400
Sample Date	03 Oct 2023	13 Jul 2023	27 Apr 2023	16 Jan 2023
Machine Hours	9594	9075	8626	7948
Oil Hours	519	1127	678	969
Oil Changed	Not Chngd	Changed	Not Chngd	Not Chngd
Sample Status	ABNORMAL	NORMAL	ABNORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	139	139	139	138
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CONTAMINATION

Silicon	ppm	3	2	7	<1
Sodium	ppm	0	<1	2	0
Potassium	ppm	1	<1	<1	0

Diagnosis
 No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. The condition of the oil is acceptable for the time in service.

WEAR METALS

Iron	ppm	4	8	8	5
Copper	ppm	<1	<1	1	0
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	1	0	1	0
Chromium	ppm	<1	0	0	0
Molybdenum	ppm	2	2	2	<1
Nickel	ppm	0	0	0	0
Titanium	ppm	0	<1	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	<1	<1	0
Vanadium	ppm	0	<1	0	0

ADDITIVES

Calcium	ppm	238	143	146	157
Magnesium	ppm	16	17	18	6
Zinc	ppm	96	60	59	64
Phosphorus	ppm	970	940	973	943
Barium	ppm	0	0	0	0
Boron	ppm	195	192	162	184

Depot: SCHGRE
Unique No: 10701230
Signed: Sean Felton
Report Date: 23 Oct 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

