



CONSTRUCTION EQUIPMENT

VOLVO A40G 342373 - FRONT AXLE



Sample No: VCP339740
Oil Type: MOBIL MOBILUBE HD PLUS 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP339740	VCP402911	VCP406611	VCP385098
Sample Date	09 Oct 2023	29 Aug 2023	02 May 2023	13 Feb 2023
Machine Hours	11957	11645	10860	10345
Oil Hours	995	683	1029	514
Oil Changed	Changed	Not Changd	Changed	Not Changd
Sample Status	NORMAL	NORMAL	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	132	132	132	131
-------------	-----	------------	-----	-----	-----



CONTAMINATION

Silicon	ppm	3	3	3	3
Sodium	ppm	0	0	1	<1
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	51	48	47	49
Copper	ppm	0	0	1	0
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	1	0	0	0
Chromium	ppm	<1	<1	<1	0
Molybdenum	ppm	1	<1	<1	<1
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	<1
Silver	ppm	0	0	0	0
Manganese	ppm	0	<1	<1	1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	402	415	395	419
Magnesium	ppm	8	10	9	12
Zinc	ppm	141	139	131	135
Phosphorus	ppm	966	1013	989	933
Barium	ppm	0	0	0	0
Boron	ppm	171	199	150	177

Depot: SCHGRE
Unique No: 10701233
Signed: Wes Davis
Report Date: 23 Oct 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

