



CONSTRUCTION EQUIPMENT

VOLVO A40G 352341 - FRONT AXLE



Sample No: VCP339713
Oil Type: MOBIL MOBILUBE HD 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP339713	VCP405998	VCP362772	VCP378860
Sample Date	07 Nov 2023	24 Aug 2023	07 Mar 2023	16 Jan 2023
Machine Hours	6865	6283	5114	4807
Oil Hours	582	1169	1097	790
Oil Changed	Not Changd	Changed	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	140	137	132	132
-------------	-----	------------	-----	-----	-----



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	1	2	1	3
Sodium	ppm	<1	0	<1	<1
Potassium	ppm	0	<1	<1	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	8	18	37	80
Copper	ppm	0	0	<1	<1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	0	0	<1	<1
Chromium	ppm	0	<1	<1	1
Molybdenum	ppm	<1	<1	1	1
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	<1	0
Manganese	ppm	0	<1	2	4
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	164	166	124	143
Magnesium	ppm	4	10	7	6
Zinc	ppm	69	50	64	59
Phosphorus	ppm	1000	795	1038	983
Barium	ppm	0	0	0	0
Boron	ppm	172	174	187	191

Depot: SCHGRE
Unique No: 10755946
Signed: Wes Davis
Report Date: 27 Nov 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

