



CONSTRUCTION EQUIPMENT

VOLVO A40G 352351 - REAR AXLE



Sample No: VCP339706
Oil Type: MOBIL MOBILUBE HD 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP339706	VCP406105	VCP384395	VCP362743
Sample Date	07 Nov 2023	24 Aug 2023	30 May 2023	06 Mar 2023
Machine Hours	7750	7188	6612	6020
Oil Hours	562	1168	592	1105
Oil Changed	Not Chngd	Changed	Not Chngd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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	133	139	139	138
-------------	-----	------------	-----	-----	-----



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	2	2	<1	4
Sodium	ppm	1	0	0	<1
Potassium	ppm	0	0	0	<1

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	4	10	7	15
Copper	ppm	2	1	0	<1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	0	0	0	<1
Chromium	ppm	0	<1	0	0
Molybdenum	ppm	<1	<1	1	1
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	0	0	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	438	190	140	155
Magnesium	ppm	6	12	13	9
Zinc	ppm	172	63	59	68
Phosphorus	ppm	1007	947	1023	995
Barium	ppm	0	0	0	0
Boron	ppm	169	202	209	183

Depot: SCHGRE
Unique No: 10755958
Signed: Wes Davis
Report Date: 27 Nov 2023



CONSTRUCTION EQUIPMENT



GRAPHS

