



CONSTRUCTION EQUIPMENT

VOLVO A40G 352199 - REAR AXLE



Sample No: VCP445746
Oil Type: MOBIL MOBILUBE HD PLUS 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP445746	VCP392533	VCP404648	VCP385106
Sample Date	29 Nov 2023	25 Sep 2023	19 Jul 2023	13 Feb 2023
Machine Hours	6652	6129	5644	4597
Oil Hours	971	485	1047	1030
Oil Changed	Changed	Not Chngd	Changed	Changed
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	134	134	131	125
-------------	-----	------------	-----	-----	-----



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	2	4	6	5
Sodium	ppm	0	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	34	18	25	198
Copper	ppm	<1	<1	<1	<1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	0	0	0	1
Chromium	ppm	<1	<1	<1	3
Molybdenum	ppm	2	2	<1	2
Nickel	ppm	0	<1	0	0
Titanium	ppm	<1	0	<1	<1
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	4
Vanadium	ppm	<1	0	<1	0



ADDITIVES

Calcium	ppm	290	294	401	452
Magnesium	ppm	0	9	9	12
Zinc	ppm	92	125	139	162
Phosphorus	ppm	978	969	949	932
Barium	ppm	0	1	0	0
Boron	ppm	202	159	175	171

Depot: SCHGRE
Unique No: 10780769
Signed: Wes Davis
Report Date: 12 Dec 2023



CONSTRUCTION EQUIPMENT



GRAPHS

