



CONSTRUCTION EQUIPMENT

VOLVO A40G 352025 - FRONT AXLE



Sample No: VCP444783
Oil Type: MOBIL MOBILUBE HD 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP444783	VCP433282	VCP312608	VCP341882
Sample Date	06 Jun 2024	02 Apr 2024	11 Dec 2023	03 Oct 2023
Machine Hours	11171	10696	10033	9594
Oil Hours	1138	663	958	519
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	137	135	138	139
-------------	-----	------------	-----	-----	-----



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	5	2	1	9
Sodium	ppm	0	2	0	0
Potassium	ppm	2	1	0	3

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	485	328	415	▲ 1482
Copper	ppm	6	6	0	6
Lead	ppm	0	0	0	0
Tin	ppm	0	<1	0	0
Aluminum	ppm	2	0	0	1
Chromium	ppm	6	4	5	▲ 17
Molybdenum	ppm	3	2	<1	4
Nickel	ppm	5	3	3	▲ 13
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	7	6	5	24
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	225	206	155	146
Magnesium	ppm	14	15	11	12
Zinc	ppm	106	88	73	51
Phosphorus	ppm	1009	1035	924	709
Barium	ppm	<1	0	0	0
Boron	ppm	162	197	154	40

Depot: SCHGRE
Unique No: 11085029
Signed: Wes Davis
Report Date: 19 Jun 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

