



CONSTRUCTION EQUIPMENT

VOLVO A40G 342253 - DROP BOX



Sample No: VCP442855
Oil Type: MOBIL MOBILUBE HD PLUS 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP442855	VCP401033	VCP390565	VCP366562
Sample Date	06 Dec 2023	19 Jul 2023	13 Feb 2023	22 Aug 2022
Machine Hours	10949	9967	9003	7992
Oil Hours	982	964	1011	921
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	ATTENTION

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	128	122	▲ 95.3
-------------	-----	------------	-----	-----	--------



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	9	3	5	20
Sodium	ppm	<1	1	1	2
Potassium	ppm	0	2	2	16

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	71	55	147	135
Copper	ppm	<1	<1	<1	<1
Lead	ppm	0	0	0	<1
Tin	ppm	0	0	0	<1
Aluminum	ppm	<1	0	<1	1
Chromium	ppm	<1	<1	2	2
Molybdenum	ppm	3	3	9	12
Nickel	ppm	0	0	<1	0
Titanium	ppm	<1	<1	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	2	2
Vanadium	ppm	<1	<1	0	0



ADDITIVES

Calcium	ppm	270	369	410	242
Magnesium	ppm	0	8	15	28
Zinc	ppm	88	140	166	154
Phosphorus	ppm	976	911	812	▲ 495
Barium	ppm	0	0	0	0
Boron	ppm	178	139	116	▲ 10

Depot: SCHGRE
Unique No: 10780766
Signed: Wes Davis
Report Date: 12 Dec 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

