



CONSTRUCTION EQUIPMENT

VOLVO A40D 70322 - REAR RIGHT FINAL DRIVE



Sample No: VCP385215
Oil Type: MOBIL MOBILUBE HD 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP385215	VCP378842	VCP361000	VCP342898
Sample Date	01 Aug 2023	16 Sep 2022	16 Jun 2022	11 May 2022
Machine Hours	26925	25375	24817	24564
Oil Hours	991	558	1051	798
Oil Changed	Changed	Not Changd	Changed	Not Changd
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	135	136	140	138
-------------	-----	------------	-----	-----	-----



CONTAMINATION

Silicon	ppm	2	1	3	2
Sodium	ppm	0	0	0	<1
Potassium	ppm	0	0	1	<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	37	14	20	20
Copper	ppm	<1	<1	<1	<1
Lead	ppm	0	0	<1	<1
Tin	ppm	<1	0	0	0
Aluminum	ppm	1	<1	<1	<1
Chromium	ppm	0	0	0	0
Molybdenum	ppm	0	<1	1	1
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	<1	<1
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	184	163	180	203
Magnesium	ppm	6	6	15	17
Zinc	ppm	74	68	89	94
Phosphorus	ppm	1035	949	952	1052
Barium	ppm	0	0	0	0
Boron	ppm	222	164	200	169

Depot: SCHGRE
Unique No: 10617677
Signed: Wes Davis
Report Date: 24 Aug 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

