



CONSTRUCTION EQUIPMENT

VOLVO A40G 340668 - FRONT AXLE



Sample No: VCP419809
Oil Type: MOBIL MOBILUBE HD 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP419809	VCP359611	VCP359527	VCP342123
Sample Date	01 Aug 2023	28 Feb 2023	26 Oct 2022	27 Jul 2022
Machine Hours	16113	15032	14400	13863
Oil Hours	1081	1160	537	1091
Oil Changed	Changed	Changed	Not Changd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	138	136	137	134
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CONTAMINATION

Silicon	ppm	2	1	1	4
Sodium	ppm	0	<1	1	<1
Potassium	ppm	<1	<1	0	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	11	13	9	34
Copper	ppm	0	0	0	<1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	0	<1	0	<1
Chromium	ppm	<1	0	0	<1
Molybdenum	ppm	2	<1	<1	1
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	0	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	171	171	177	399
Magnesium	ppm	17	6	0	12
Zinc	ppm	78	76	69	185
Phosphorus	ppm	1309	987	1000	1014
Barium	ppm	0	0	0	0
Boron	ppm	275	172	174	206

Depot: SCHGRE
Unique No: 10617680
Signed: Wes Davis
Report Date: 24 Aug 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

