



CONSTRUCTION EQUIPMENT

VOLVO A40G 340668 - DROP BOX



Sample No: VCP419808
Oil Type: MOBIL MOBILUBE HD PLUS 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP419808	VCP386553	VCP359516	VCP337408
Sample Date	01 Aug 2023	28 Feb 2023	27 Jul 2022	24 Jan 2022
Machine Hours	16113	15032	13863	12772
Oil Hours	1081	1160	1091	998
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	134	135	133	133
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CONTAMINATION

Silicon	ppm	2	4	2	3
Sodium	ppm	0	<1	0	<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	10	23	8	12
Copper	ppm	0	<1	<1	2
Lead	ppm	0	0	0	0
Tin	ppm	0	0	<1	<1
Aluminum	ppm	0	2	<1	3
Chromium	ppm	0	0	0	0
Molybdenum	ppm	1	1	1	1
Nickel	ppm	0	0	<1	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	1
Manganese	ppm	0	<1	0	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	144	186	211	318
Magnesium	ppm	12	8	9	10
Zinc	ppm	60	78	98	144
Phosphorus	ppm	1011	997	969	990
Barium	ppm	0	0	0	0
Boron	ppm	210	168	178	150

Depot: SCHGRE
Unique No: 10617686
Signed: Sean Felton
Report Date: 25 Aug 2023



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VOLVO GRAPHS

