



CONSTRUCTION EQUIPMENT

VOLVO A40G 342374 - DROP BOX



Sample No: VCP384374
Oil Type: MOBIL MOBILUBE HD 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP384374	VCP385086	VCP357668	VCP320966
Sample Date	07 Jun 2023	13 Feb 2023	18 Jul 2022	01 Feb 2022
Machine Hours	10123	9396	8253	7198
Oil Hours	727	1143	1055	1057
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	130	130	134	132
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CONTAMINATION

Silicon	ppm	4	3	4	4
Sodium	ppm	1	<1	0	<1
Potassium	ppm	<1	0	1	<1



WEAR METALS

Iron	ppm	191	20	52	84
Copper	ppm	<1	0	<1	<1
Lead	ppm	0	0	<1	0
Tin	ppm	0	0	0	0
Aluminum	ppm	4	0	4	7
Chromium	ppm	4	0	<1	1
Molybdenum	ppm	6	<1	3	4
Nickel	ppm	3	0	0	0
Titanium	ppm	0	<1	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	2	1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	437	356	267	363
Magnesium	ppm	7	11	7	12
Zinc	ppm	158	139	125	146
Phosphorus	ppm	1027	885	1000	1102
Barium	ppm	0	0	2	0
Boron	ppm	167	162	197	194

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.

Depot: SCHGRE
Unique No: 10519799
Signed: Wes Davis
Report Date: 16 Jun 2023



CONSTRUCTION EQUIPMENT



GRAPHS

