



CONSTRUCTION EQUIPMENT

VOLVO A40G 342608 - FRONT AXLE



Sample No: VCP444707
Oil Type: MOBIL MOBILUBE HD 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP444707	VCP416815	VCP331544	VCP405665
Sample Date	29 Apr 2024	13 Feb 2024	06 Nov 2023	21 Aug 2023
Machine Hours	11934	11353	10895	10330
Oil Hours	1021	458	1117	552
Oil Changed	Changed	Not Changd	Changed	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	137	136	137	138
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	2	2	2	2
Sodium	ppm	0	<1	<1	0
Potassium	ppm	<1	<1	0	<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	14	9	23	15
Copper	ppm	0	<1	<1	0
Lead	ppm	0	<1	0	0
Tin	ppm	<1	0	0	0
Aluminum	ppm	0	<1	0	0
Chromium	ppm	<1	0	0	0
Molybdenum	ppm	<1	1	1	<1
Nickel	ppm	0	<1	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	210	216	142	180
Magnesium	ppm	10	12	12	17
Zinc	ppm	89	91	69	64
Phosphorus	ppm	1043	967	1008	999
Barium	ppm	0	0	0	0
Boron	ppm	188	173	177	220

Depot: SCHGRE
Unique No: 11018991
Signed: Wes Davis
Report Date: 09 May 2024

