



CONSTRUCTION EQUIPMENT

VOLVO A40G 342658 - FRONT AXLE



Sample No: VCP416945
Oil Type: MOBIL MOBILUBE HD 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP416945	VCP329508	VCP404643	VCP360985
Sample Date	13 Feb 2024	06 Nov 2023	24 Aug 2023	18 May 2023
Machine Hours	10200	9682	9142	8626
Oil Hours	518	1056	516	1115
Oil Changed	Not Chngd	Changed	Not Chngd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	138	140	138	141
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	2	5	3	10
Sodium	ppm	<1	<1	<1	0
Potassium	ppm	1	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	10	15	8	34
Copper	ppm	<1	0	0	0
Lead	ppm	<1	0	0	0
Tin	ppm	<1	0	0	0
Aluminum	ppm	<1	<1	0	0
Chromium	ppm	0	0	0	<1
Molybdenum	ppm	1	1	<1	1
Nickel	ppm	0	0	0	<1
Titanium	ppm	0	0	0	<1
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	0	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	213	191	226	140
Magnesium	ppm	12	13	17	12
Zinc	ppm	92	95	82	63
Phosphorus	ppm	985	1025	929	1005
Barium	ppm	0	0	0	0
Boron	ppm	172	175	204	191

Depot: SCHGRE
Unique No: 10898648
Signed: Wes Davis
Report Date: 27 Feb 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

