



CONSTRUCTION EQUIPMENT

VOLVO A40G 342658 - FRONT AXLE



Sample No: VCP329508
Oil Type: MOBIL MOBILUBE HD 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP329508	VCP404643	VCP360985	VCP379385
Sample Date	06 Nov 2023	24 Aug 2023	18 May 2023	16 Jan 2023
Machine Hours	9682	9142	8626	8074
Oil Hours	1056	516	1115	563
Oil Changed	Changed	Not Changd	Changed	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	ABNORMAL

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OIL CONDITION

Visc @ 40°C	cSt	140	138	141	138
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	5	3	10	1
Sodium	ppm	<1	<1	0	0
Potassium	ppm	0	<1	<1	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	15	8	34	12
Copper	ppm	0	0	0	0
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	0	0	0
Chromium	ppm	0	0	<1	0
Molybdenum	ppm	1	<1	1	1
Nickel	ppm	0	0	<1	0
Titanium	ppm	0	0	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	0	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	191	226	140	141
Magnesium	ppm	13	17	12	10
Zinc	ppm	95	82	63	60
Phosphorus	ppm	1025	929	1005	939
Barium	ppm	0	0	0	0
Boron	ppm	175	204	191	186

Depot: SCHGRE
Unique No: 10755943
Signed: Wes Davis
Report Date: 27 Nov 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

