



CONSTRUCTION EQUIPMENT

VOLVO A40G 352341 - REAR AXLE



Sample No: VCP416715
Oil Type: MOBIL MOBILUBE HD 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP416715	VCP339711	VCP405982	VCP362773
Sample Date	13 Feb 2024	07 Nov 2023	24 Aug 2023	07 Mar 2023
Machine Hours	7384	6865	6283	5114
Oil Hours	1101	582	1169	1097
Oil Changed	Changed	Not Chngd	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	139	140	139	129
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	2	2	1	1
Sodium	ppm	<1	<1	0	<1
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	16	5	14	29
Copper	ppm	<1	0	0	<1
Lead	ppm	<1	0	0	0
Tin	ppm	<1	0	0	0
Aluminum	ppm	<1	0	0	<1
Chromium	ppm	0	0	<1	<1
Molybdenum	ppm	<1	<1	<1	1
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	0	<1	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	168	202	126	125
Magnesium	ppm	9	4	12	6
Zinc	ppm	62	81	42	64
Phosphorus	ppm	995	991	932	1064
Barium	ppm	0	0	0	0
Boron	ppm	174	172	213	192

Depot: SCHGRE
Unique No: 10898655
Signed: Wes Davis
Report Date: 27 Feb 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

