



CONSTRUCTION EQUIPMENT

VOLVO A40G 352341 - REAR AXLE



Sample No: VCP444080
Oil Type: MOBIL MOBILUBE HD 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP444080	VCP416715	VCP339711	VCP405982
Sample Date	30 Apr 2024	13 Feb 2024	07 Nov 2023	24 Aug 2023
Machine Hours	7971	7384	6865	6283
Oil Hours	587	1101	582	1169
Oil Changed	Not Chngd	Changed	Not Chngd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	135	139	140	139
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CONTAMINATION

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



ADDITIVES

Calcium	ppm	178	168	202	126
Magnesium	ppm	14	9	4	12
Zinc	ppm	77	62	81	42
Phosphorus	ppm	1038	995	991	932
Barium	ppm	<1	0	0	0
Boron	ppm	199	174	172	213

Depot: SCHGRE
Unique No: 11018992
Signed: Wes Davis
Report Date: 09 May 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

