



CONSTRUCTION EQUIPMENT

2802 VOLVO A40G 342374 - REAR AXLE



Sample No: VCP400069
Oil Type: MOBIL MOBILUBE HD PLUS 80W90
Job No: 2802



SAMPLE INFORMATION

Sample Number	VCP400069	VCP404856	VCP385071	VCP385414
Sample Date	20 Jul 2023	02 May 2023	13 Feb 2023	06 Dec 2022
Machine Hours	10329	9875	9396	9132
Oil Hours	933	479	1143	879
Oil Changed	Changed	Not Changd	Changed	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	132	132	129	129
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CONTAMINATION

Silicon	ppm	2	6	2	9
Sodium	ppm	<1	1	<1	0
Potassium	ppm	<1	0	0	1



WEAR METALS

Iron	ppm	10	37	17	53
Copper	ppm	<1	1	0	<1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	0	0	0	<1
Chromium	ppm	<1	<1	0	<1
Molybdenum	ppm	<1	<1	<1	1
Nickel	ppm	0	0	0	0
Titanium	ppm	<1	0	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	397	430	314	400
Magnesium	ppm	8	8	10	8
Zinc	ppm	138	140	141	154
Phosphorus	ppm	951	994	874	983
Barium	ppm	0	0	0	0
Boron	ppm	172	153	157	155

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.

Depot: SCHGRE
Unique No: 10586830
Signed: Wes Davis
Report Date: 04 Aug 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

