



CONSTRUCTION EQUIPMENT

2902 VOLVO A40G 352566 - BOGIE/CENTER AXLE



Sample No: VCP401925
Oil Type: MOBIL MOBILUBE HD 80W90
Job No: 2902



SAMPLE INFORMATION

Sample Number	VCP401925	VCP395616	VCP386313	VCP359507
Sample Date	13 Jul 2023	27 Apr 2023	06 Mar 2023	09 Nov 2022
Machine Hours	3940	3468	3021	2366
Oil Hours	532	1042	655	1003
Oil Changed	Not Chngd	Changed	Not Chngd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	133	138	136	130
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CONTAMINATION

Silicon	ppm	2	2	2	2
Sodium	ppm	<1	2	<1	0
Potassium	ppm	0	0	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	15	61	29	46
Copper	ppm	<1	2	<1	<1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	0	0	<1	0
Chromium	ppm	<1	1	<1	<1
Molybdenum	ppm	<1	2	2	2
Nickel	ppm	0	<1	0	0
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	4	2	2
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	359	146	136	152
Magnesium	ppm	8	16	12	6
Zinc	ppm	131	56	67	76
Phosphorus	ppm	859	974	992	1073
Barium	ppm	0	0	0	0
Boron	ppm	155	162	185	171

Depot: SCHGRE
Unique No: 10586809
Signed: Wes Davis
Report Date: 04 Aug 2023



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VOLVO GRAPHS

