



CONSTRUCTION EQUIPMENT

2806 VOLVO A40G 352025 - BOGIE/CENTER AXLE



Sample No: VCP402601
Oil Type: MOBIL MOBILUBE HD 80W90
Job No: 2806



SAMPLE INFORMATION

Sample Number	VCP402601	VCP384907	VCP379399	VCP377520
Sample Date	13 Jul 2023	27 Apr 2023	16 Jan 2023	12 Oct 2022
Machine Hours	9075	8626	7948	7436
Oil Hours	1127	678	969	457
Oil Changed	Changed	Not Changd	Changed	Not Changd
Sample Status	NORMAL	ABNORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	137	138	136	137
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CONTAMINATION

Silicon	ppm	1	4	1	<1
Sodium	ppm	<1	2	0	0
Potassium	ppm	<1	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	10	8	9	3
Copper	ppm	<1	1	0	<1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	0	0	0	0
Chromium	ppm	<1	0	0	0
Molybdenum	ppm	2	2	<1	<1
Nickel	ppm	0	0	0	0
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	0
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	137	140	158	170
Magnesium	ppm	16	16	6	7
Zinc	ppm	60	56	64	73
Phosphorus	ppm	923	966	917	995
Barium	ppm	0	0	0	1
Boron	ppm	187	162	178	179

Depot: SCHGRE
Unique No: 10586839
Signed: Wes Davis
Report Date: 04 Aug 2023



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VOLVO GRAPHS

