



CONSTRUCTION EQUIPMENT

VOLVO A40G 352025 - BOGIE/CENTER AXLE



Sample No: VCP341885
Oil Type: MOBIL MOBILUBE HD 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP341885	VCP402601	VCP384907	VCP379399
Sample Date	03 Oct 2023	13 Jul 2023	27 Apr 2023	16 Jan 2023
Machine Hours	9594	9075	8626	7948
Oil Hours	519	1127	678	969
Oil Changed	Not Chngd	Changed	Not Chngd	Changed
Sample Status	NORMAL	NORMAL	ABNORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	137	137	138	136
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CONTAMINATION

Silicon	ppm	3	1	4	1
Sodium	ppm	0	<1	2	0
Potassium	ppm	1	<1	0	0

WEAR METALS

Iron	ppm	7	10	8	9
Copper	ppm	0	<1	1	0
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	1	0	0	0
Chromium	ppm	<1	<1	0	0
Molybdenum	ppm	2	2	2	<1
Nickel	ppm	0	0	0	0
Titanium	ppm	0	<1	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	<1	<1	<1
Vanadium	ppm	0	<1	0	0

ADDITIVES

Calcium	ppm	234	137	140	158
Magnesium	ppm	14	16	16	6
Zinc	ppm	95	60	56	64
Phosphorus	ppm	987	923	966	917
Barium	ppm	0	0	0	0
Boron	ppm	192	187	162	178

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: 10701216
Signed: Wes Davis
Report Date: 20 Oct 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

