



CONSTRUCTION EQUIPMENT

VOLVO A40G 352026 - BOGIE/CENTER AXLE



Sample No: VCP395618
Oil Type: MOBIL MOBILUBE HD PLUS 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP395618	VCP405243	VCP384376	VCP404898
Sample Date	30 Oct 2023	29 Aug 2023	07 Jun 2023	22 Mar 2023
Machine Hours	9458	9029	8529	7981
Oil Hours	929	500	1064	516
Oil Changed	Changed	Not Changd	Changed	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	143	143	132	130
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CONTAMINATION

Silicon	ppm	12	4	7	6
Sodium	ppm	1	<1	2	<1
Potassium	ppm	5	2	<1	0

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	688	148	100	85
Copper	ppm	2	<1	<1	<1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	1	0	0	<1
Chromium	ppm	10	2	<1	<1
Molybdenum	ppm	16	7	1	<1
Nickel	ppm	2	0	<1	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	17	6	<1	1
Vanadium	ppm	0	0	<1	0

ADDITIVES

Calcium	ppm	780	694	560	384
Magnesium	ppm	18	19	9	8
Zinc	ppm	326	274	223	142
Phosphorus	ppm	1086	1006	1404	964
Barium	ppm	0	0	0	0
Boron	ppm	158	168	230	173

Depot: SCHGRE
Unique No: 10736963
Signed: Wes Davis
Report Date: 10 Nov 2023



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VOLVO GRAPHS

