



CONSTRUCTION EQUIPMENT

VOLVO A40G 352341 - BOGIE/CENTER AXLE



Sample No: VCP416714
Oil Type: MOBIL MOBILUBE HD 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP416714	VCP339704	VCP405983	VCP386309
Sample Date	13 Feb 2024	07 Nov 2023	24 Aug 2023	07 Mar 2023
Machine Hours	7384	6865	6283	5114
Oil Hours	1101	582	1169	1097
Oil Changed	Changed	Not Chngd	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

SCHILDBERG CONSTRUCTION COMPANY
 PO BOX 358
 GREENFIELD, IA
 US 50849
 Contact: SCOTT ARMSTRONG
 sarmstrong@schildberg.com
 T: (641)743-8237
 F: (641)743-2486



OIL CONDITION

Visc @ 40°C	cSt	140	139	138	131
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	2	1	2	1
Sodium	ppm	<1	<1	0	2
Potassium	ppm	1	0	<1	<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	17	6	15	32
Copper	ppm	<1	0	0	<1
Lead	ppm	<1	0	0	0
Tin	ppm	<1	0	0	0
Aluminum	ppm	<1	0	0	<1
Chromium	ppm	0	0	<1	<1
Molybdenum	ppm	<1	<1	<1	1
Nickel	ppm	<1	0	0	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	0	<1	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	168	171	126	127
Magnesium	ppm	10	4	12	6
Zinc	ppm	62	72	42	62
Phosphorus	ppm	974	1037	935	1071
Barium	ppm	0	0	0	0
Boron	ppm	173	177	211	196

Depot: SCHGRE
Unique No: 10898656
Signed: Wes Davis
Report Date: 27 Feb 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

