



CONSTRUCTION EQUIPMENT

VOLVO A40G 340668 - FRONT AXLE



Sample No: VCP416755
Oil Type: MOBIL MOBILUBE HD 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP416755	VCP419809	VCP359611	VCP359527
Sample Date	08 Feb 2024	01 Aug 2023	28 Feb 2023	26 Oct 2022
Machine Hours	17181	16113	15032	14400
Oil Hours	1068	1081	1160	537
Oil Changed	Changed	Changed	Changed	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	135	138	136	137
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	1	2	1	1
Sodium	ppm	<1	0	<1	1
Potassium	ppm	1	<1	<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	11	11	13	9
Copper	ppm	<1	0	0	0
Lead	ppm	1	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	0	<1	0
Chromium	ppm	0	<1	0	0
Molybdenum	ppm	1	2	<1	<1
Nickel	ppm	<1	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	<1	0	0	0
Manganese	ppm	<1	<1	<1	0
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	274	171	171	177
Magnesium	ppm	9	17	6	0
Zinc	ppm	115	78	76	69
Phosphorus	ppm	886	1309	987	1000
Barium	ppm	0	0	0	0
Boron	ppm	149	275	172	174

Depot: SCHGRE
Unique No: 10898640
Signed: Wes Davis
Report Date: 27 Feb 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

