



CONSTRUCTION EQUIPMENT

VOLVO A40G 341476 - REAR AXLE



Sample No: VCP312519
Oil Type: MOBIL MOBILUBE HD PLUS 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP312519	VCP378442	VCP400074	VCP373802
Sample Date	04 Dec 2023	12 Sep 2023	20 Jun 2023	09 Jan 2023
Machine Hours	17394	16932	16355	15295
Oil Hours	1039	577	1060	616
Oil Changed	Changed	Not Chngd	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	138	137	138	138
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	1	2	<1	2
Sodium	ppm	0	<1	0	0
Potassium	ppm	<1	<1	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	18	3	5	6
Copper	ppm	0	0	<1	<1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	<1
Aluminum	ppm	1	0	<1	<1
Chromium	ppm	0	0	0	<1
Molybdenum	ppm	2	2	1	1
Nickel	ppm	0	<1	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	0	0	0	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	211	176	149	156
Magnesium	ppm	18	16	12	11
Zinc	ppm	81	85	59	70
Phosphorus	ppm	1054	927	990	1000
Barium	ppm	0	0	0	1
Boron	ppm	193	176	208	200

Depot: SCHGRE
Unique No: 10789048
Signed: Don Baldrige
Report Date: 17 Dec 2023



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VOLVO GRAPHS

