



CONSTRUCTION EQUIPMENT

VOLVO A40G 341476 - REAR AXLE



Sample No: VCP400074
Oil Type: MOBIL MOBILUBE HD PLUS 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP400074	VCP373802	VCP342167	VCP343272
Sample Date	20 Jun 2023	09 Jan 2023	16 Sep 2022	25 Mar 2022
Machine Hours	16355	15295	14679	13489
Oil Hours	1060	616	1190	999
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	138	138	136	136
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CONTAMINATION

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

WEAR METALS

Iron	ppm	5	6	5	13
Copper	ppm	<1	<1	<1	0
Lead	ppm	0	0	0	0
Tin	ppm	0	<1	0	0
Aluminum	ppm	<1	<1	0	<1
Chromium	ppm	0	<1	0	0
Molybdenum	ppm	1	1	1	2
Nickel	ppm	0	0	0	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	<1	0	<1
Manganese	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0

ADDITIVES

Calcium	ppm	149	156	198	201
Magnesium	ppm	12	11	8	19
Zinc	ppm	59	70	89	96
Phosphorus	ppm	990	1000	954	1008
Barium	ppm	0	1	0	0
Boron	ppm	208	200	157	189

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: 10546401
Signed: Don Baldrige
Report Date: 07 Jul 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

