



CONSTRUCTION EQUIPMENT

2744 VOLVO A40F 12386 - REAR AXLE



Sample No: VCP402904
Oil Type: MOBIL MOBILUBE HD PLUS 80W90
Job No: 2744



SAMPLE INFORMATION

Sample Number	VCP402904	VCP406056	VCP373723	VCP357088
Sample Date	19 Jul 2023	22 Mar 2023	22 Aug 2022	13 Jun 2022
Machine Hours	11382	10781	9653	9175
Oil Hours	601	1128	1082	604
Oil Changed	Changed	Changed	Changed	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	ABNORMAL

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OIL CONDITION

Visc @ 40°C	cSt	132	130	137	137
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CONTAMINATION

Silicon	ppm	2	1	4	3
Sodium	ppm	<1	<1	0	<1
Potassium	ppm	<1	0	0	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	4	5	5	4
Copper	ppm	<1	<1	<1	<1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	1	0
Aluminum	ppm	0	<1	1	<1
Chromium	ppm	0	0	0	0
Molybdenum	ppm	1	1	<1	<1
Nickel	ppm	0	0	<1	0
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	1	<1
Manganese	ppm	<1	<1	<1	0
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	375	435	322	347
Magnesium	ppm	8	10	7	8
Zinc	ppm	132	171	120	130
Phosphorus	ppm	932	942	959	958
Barium	ppm	0	0	0	0
Boron	ppm	167	161	203	158

Depot: SCHGRE
Unique No: 10586836
Signed: Wes Davis
Report Date: 04 Aug 2023



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VOLVO GRAPHS

