



CONSTRUCTION EQUIPMENT

VOLVO A40F 12386 - WET DISC BRAKE



Sample No: VCP447519
Oil Type: MOBIL MOBILFLUID 424
Job No:



SAMPLE INFORMATION

Sample Number	VCP447519	VCP435809	VCP402898	VCP406697
Sample Date	18 Jun 2024	22 Feb 2024	19 Jul 2023	22 Mar 2023
Machine Hours	13301	12894	11382	10781
Oil Hours	1919	1512	1999	1398
Oil Changed	Changed	Not Changd	Changed	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	ABNORMAL

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OIL CONDITION

Visc @ 40°C	cSt	52.0	52.6	53.0	52.3
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	13	16	18	▲ 24
Sodium	ppm	3	3	4	4
Potassium	ppm	0	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	17	18	20	30
Copper	ppm	21	22	32	32
Lead	ppm	0	<1	1	0
Tin	ppm	0	0	<1	0
Aluminum	ppm	1	<1	0	1
Chromium	ppm	0	0	<1	<1
Molybdenum	ppm	<1	<1	<1	<1
Nickel	ppm	0	0	<1	0
Titanium	ppm	0	0	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	1
Vanadium	ppm	0	0	<1	0



ADDITIVES

Calcium	ppm	3409	3628	3235	3429
Magnesium	ppm	18	19	22	22
Zinc	ppm	1347	1380	1316	1354
Phosphorus	ppm	1124	1167	1061	1110
Barium	ppm	0	0	0	0
Boron	ppm	100	105	114	119

Depot: SCHGRE
Unique No: 11111394
Signed: Don Baldrige
Report Date: 07 Jul 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

