



CONSTRUCTION EQUIPMENT

VOLVO A40G 352026 - REAR AXLE



Sample No: VCP436364
Oil Type: MOBIL MOBILUBE HD PLUS 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP436364	VCP395130	VCP402956	VCP384382
Sample Date	08 Feb 2024	30 Oct 2023	29 Aug 2023	07 Jun 2023
Machine Hours	9959	9458	9029	8529
Oil Hours	501	929	500	1069
Oil Changed	Not Changd	Changed	Not Changd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	130	137	138	132
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	9	2	2	2
Sodium	ppm	0	0	<1	1
Potassium	ppm	2	0	<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	10	7	7	8
Copper	ppm	<1	0	0	0
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	2	0	0	0
Chromium	ppm	0	0	<1	<1
Molybdenum	ppm	4	0	1	<1
Nickel	ppm	0	0	0	<1
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	0	0	0
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	683	192	231	458
Magnesium	ppm	28	17	18	8
Zinc	ppm	249	111	88	167
Phosphorus	ppm	1514	956	1021	1038
Barium	ppm	12	2	0	0
Boron	ppm	239	178	221	170

Depot: SCHGRE
Unique No: 10876585
Signed: Jonathan Hester
Report Date: 16 Feb 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

