



CONSTRUCTION EQUIPMENT

VOLVO A40G 352026 - FRONT AXLE



Sample No: VCP445741
Oil Type: MOBIL MOBILUBE HD PLUS 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP445741	VCP436366	VCP396974	VCP406457
Sample Date	15 Apr 2024	08 Feb 2024	30 Oct 2023	29 Aug 2023
Machine Hours	10378	9959	9458	9029
Oil Hours	920	501	929	500
Oil Changed	Changed	Not Changd	Changed	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	129	130	137	138
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	3	3	2	2
Sodium	ppm	0	0	0	<1
Potassium	ppm	1	1	<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	13	11	8	7
Copper	ppm	<1	<1	0	0
Lead	ppm	<1	0	0	0
Tin	ppm	<1	0	0	0
Aluminum	ppm	2	2	0	0
Chromium	ppm	<1	0	0	0
Molybdenum	ppm	3	3	0	<1
Nickel	ppm	<1	0	0	0
Titanium	ppm	<1	<1	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	0	0	0
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	481	512	191	221
Magnesium	ppm	19	22	17	16
Zinc	ppm	181	183	112	83
Phosphorus	ppm	1084	1172	955	985
Barium	ppm	0	12	2	0
Boron	ppm	197	188	177	209

Depot: SCHGRE
Unique No: 11009500
Signed: Wes Davis
Report Date: 06 May 2024



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GRAPHS

