



CONSTRUCTION EQUIPMENT

VOLVO A40G 352026 - DROP BOX



Sample No: VCP395126
Oil Type: MOBIL MOBILUBE HD 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP395126	VCP385107	VCP357672	VCP321229
Sample Date	30 Oct 2023	06 Dec 2022	18 Jul 2022	01 Feb 2022
Machine Hours	9458	7465	6516	5463
Oil Hours	929	949	1053	1083
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	130	130	134	131
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CONTAMINATION

Silicon	ppm	3	3	6	4
Sodium	ppm	<1	0	0	<1
Potassium	ppm	0	1	1	<1

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	242	100	29	39
Copper	ppm	1	<1	<1	<1
Lead	ppm	0	0	<1	0
Tin	ppm	0	0	0	0
Aluminum	ppm	6	5	7	7
Chromium	ppm	2	2	<1	<1
Molybdenum	ppm	5	9	4	6
Nickel	ppm	2	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	2	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	399	345	257	353
Magnesium	ppm	0	8	6	10
Zinc	ppm	158	136	123	151
Phosphorus	ppm	996	997	989	1128
Barium	ppm	0	0	2	0
Boron	ppm	157	150	184	174

Depot: SCHGRE
Unique No: 10736965
Signed: Wes Davis
Report Date: 10 Nov 2023



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GRAPHS

