



CONSTRUCTION EQUIPMENT

VOLVO A40G 352566 - DROP BOX



Sample No: VCP433562
Oil Type: MOBIL MOBILUBE HD 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP433562	VCP312548	VCP404505	VCP359510
Sample Date	02 Apr 2024	04 Oct 2023	27 Apr 2023	09 Nov 2022
Machine Hours	5666	4584	3468	2366
Oil Hours	1082	1176	1042	1003
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	134	131	133	109
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	3	4	5	10
Sodium	ppm	1	0	3	1
Potassium	ppm	<1	1	0	<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	330	331	292	106
Copper	ppm	0	2	3	2
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	1	0	0
Chromium	ppm	5	3	4	2
Molybdenum	ppm	8	7	11	10
Nickel	ppm	2	3	2	0
Titanium	ppm	0	0	0	0
Silver	ppm	<1	0	0	0
Manganese	ppm	4	3	3	1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	238	322	134	142
Magnesium	ppm	1	8	13	6
Zinc	ppm	96	123	59	76
Phosphorus	ppm	1039	949	1001	1178
Barium	ppm	0	0	0	0
Boron	ppm	170	151	155	158

Depot: SCHGRE
Unique No: 10990335
Signed: Wes Davis
Report Date: 22 Apr 2024



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GRAPHS

