



CONSTRUCTION EQUIPMENT

VOLVO A40G 342610 - DROP BOX



Sample No: VCP433212
Oil Type: MOBIL MOBILUBE HD 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP433212	VCP406111	VCP385251	VCP337436
Sample Date	27 Mar 2024	24 Aug 2023	06 Mar 2023	01 Sep 2022
Machine Hours	11444	10233	9074	7987
Oil Hours	1211	1159	1085	1098
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	ABNORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	137	138	138	135
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	3	3	4	3
Sodium	ppm	<1	0	2	0
Potassium	ppm	2	<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	172	105	928	33
Copper	ppm	<1	0	3	<1
Lead	ppm	0	0	0	<1
Tin	ppm	<1	0	0	<1
Aluminum	ppm	7	3	9	4
Chromium	ppm	3	1	12	<1
Molybdenum	ppm	4	2	12	2
Nickel	ppm	1	<1	9	0
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	2	<1	8	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	214	122	139	148
Magnesium	ppm	10	11	8	6
Zinc	ppm	87	47	66	73
Phosphorus	ppm	1033	1005	1013	982
Barium	ppm	0	0	0	0
Boron	ppm	178	223	185	197

Depot: SCHGRE
Unique No: 10963678
Signed: Wes Davis
Report Date: 05 Apr 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

