



CONSTRUCTION EQUIPMENT

VOLVO A40D 70322 - DROP BOX



Sample No: VCP373804
Oil Type: MOBIL MOBILUBE HD PLUS 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP373804	VCP342179	VCP325903	VCP314212
Sample Date	09 Jan 2023	16 Jun 2022	18 Oct 2021	03 Jun 2021
Machine Hours	25934	24817	23766	22814
Oil Hours	1117	1051	952	1157
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	ABNORMAL

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OIL CONDITION

Visc @ 40°C	cSt	135	138	137	131
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CONTAMINATION

Silicon	ppm	8	9	11	3
Sodium	ppm	0	0	2	0
Potassium	ppm	2	2	2	<1



WEAR METALS

Iron	ppm	125	64	46	66
Copper	ppm	<1	<1	<1	<1
Lead	ppm	<1	<1	<1	0
Tin	ppm	<1	0	0	0
Aluminum	ppm	1	2	2	0
Chromium	ppm	2	<1	<1	<1
Molybdenum	ppm	2	2	1	2
Nickel	ppm	0	0	<1	<1
Titanium	ppm	<1	<1	<1	0
Silver	ppm	<1	0	0	<1
Manganese	ppm	1	<1	<1	<1
Vanadium	ppm	0	0	<1	0



ADDITIVES

Calcium	ppm	206	170	178	254
Magnesium	ppm	13	14	19	13
Zinc	ppm	93	91	74	119
Phosphorus	ppm	1025	889	690	1002
Barium	ppm	1	0	0	0
Boron	ppm	178	194	160	289

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.

Depot: SCHGRE
Unique No: 10308070
Signed: Wes Davis
Report Date: 25 Jan 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

