



CONSTRUCTION EQUIPMENT

A10901 VOLVO A30D 70020 - FRONT AXLE



Sample No: VCP413669
Oil Type: MOBIL MOBILUBE HD 80W90
Job No: A10901



SAMPLE INFORMATION

Sample Number	VCP413669	VCP240676	VCP215669	VCP202934
Sample Date	16 Aug 2023	27 Aug 2019	31 Jan 2018	11 Aug 2016
Machine Hours	11015	10170	9640	9050
Oil Hours	500	1500	1000	500
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	306	340	340.6	335.6
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CONTAMINATION

Silicon	ppm	19	11	18	14
Sodium	ppm	<1	3	4	3
Potassium	ppm	0	<1	2	0



WEAR METALS

Iron	ppm	128	63	113	83
Copper	ppm	17	22	21	16
Lead	ppm	0	0	<1	0
Tin	ppm	<1	<1	1	0
Aluminum	ppm	4	2	2	2
Chromium	ppm	1	<1	<1	<1
Molybdenum	ppm	0	0	0	1
Nickel	ppm	<1	<1	1	2
Titanium	ppm	<1	<1	<1	<1
Silver	ppm	0	0	0	0
Manganese	ppm	1	<1	1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	46	33	28	29
Magnesium	ppm	4	6	6	6
Zinc	ppm	25	25	23	21
Phosphorus	ppm	1228	806	840	787
Barium	ppm	0	0	<1	0
Boron	ppm	205	128	131	128

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: JAAPHI
Unique No: 10618281
Signed: Sean Felton
Report Date: 25 Aug 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

