



CONSTRUCTION EQUIPMENT

A10901 VOLVO A30D 70020 - REAR AXLE



Sample No: VCP413666
Oil Type: MOBIL MOBILUBE HD 80W90
Job No: A10901



SAMPLE INFORMATION

Sample Number	VCP413666	VCP240672	VCP217784	VCP202947
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

JAMES J ANDERSON
 6958 TORRESDALE AVENUE
 PHILADELPHIA, PA
 US 19135
 Contact: JOHN HERBUT
 herb@jjaconstruction.com
 T: (215)850-9051
 F: (215)427-0208



OIL CONDITION

Visc @ 40°C	cSt	294	317	315.3	306.9
-------------	-----	------------	-----	-------	-------



CONTAMINATION

Silicon	ppm	8	4	7	6
Sodium	ppm	<1	3	3	3
Potassium	ppm	0	0	1	0



WEAR METALS

Iron	ppm	54	25	43	32
Copper	ppm	2	3	3	2
Lead	ppm	0	0	0	0
Tin	ppm	<1	0	0	0
Aluminum	ppm	3	0	<1	0
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	0	<1	<1	1
Nickel	ppm	0	<1	<1	0
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	42	41	26	25
Magnesium	ppm	4	5	6	6
Zinc	ppm	23	26	23	25
Phosphorus	ppm	1095	842	869	836
Barium	ppm	0	0	0	0
Boron	ppm	185	134	138	132

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: 10618264
Signed: Sean Felton
Report Date: 25 Aug 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

