



CONSTRUCTION EQUIPMENT

A10936 VOLVO A30G 742440 - REAR AXLE



Sample No: VCP425971
Oil Type: MOBIL MOBILUBE HD 80W90
Job No: A10936



SAMPLE INFORMATION

Sample Number	VCP425971	VCP347312	VCP261261	VCP264843
Sample Date	25 Aug 2023	05 Mar 2022	30 Oct 2020	13 Mar 2020
Machine Hours	3180	1990	1040	525
Oil Hours	1180	1000	1040	525
Oil Changed	Not Chngd	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	279	275	198	61.6
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CONTAMINATION

Silicon	ppm	3	3	3	3
Sodium	ppm	0	<1	2	5
Potassium	ppm	0	0	0	2



WEAR METALS

Iron	ppm	52	105	87	135
Copper	ppm	2	2	3	6
Lead	ppm	0	0	3	2
Tin	ppm	0	<1	0	0
Aluminum	ppm	2	<1	0	<1
Chromium	ppm	1	2	2	4
Molybdenum	ppm	<1	2	3	4
Nickel	ppm	<1	0	<1	1
Titanium	ppm	0	0	0	<1
Silver	ppm	0	0	0	0
Manganese	ppm	2	3	4	11
Vanadium	ppm	0	0	<1	0



ADDITIVES

Calcium	ppm	49	50	78	184
Magnesium	ppm	3	3	5	<1
Zinc	ppm	14	12	24	64
Phosphorus	ppm	1127	1071	1020	1404
Barium	ppm	0	0	0	1
Boron	ppm	225	188	177	177

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: KCCIVY
Unique No: 10649005
Signed: Sean Felton
Report Date: 19 Sep 2023



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GRAPHS

