



CONSTRUCTION EQUIPMENT

9392 VOLVO A30G 740290 - FRONT AXLE



Sample No: VCP424586
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 9392



SAMPLE INFORMATION

Sample Number	VCP424586	VCP271120	VCP259285	VCP238158
Sample Date	02 Aug 2023	29 Apr 2021	16 Dec 2019	31 Jan 2019
Machine Hours	8505	5486	3835	2574
Oil Hours	0	0	0	2000
Oil Changed	Not Chngd	N/A	Changed	Changed
Sample Status	NORMAL	ATTENTION	NORMAL	ABNORMAL

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OIL CONDITION

Visc @ 40°C	cSt	115	60.7	116	73.21
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CONTAMINATION

Silicon	ppm	23	7	2	2
Sodium	ppm	3	2	0	<1
Potassium	ppm	3	<1	0	0



WEAR METALS

Iron	ppm	586	136	99	189
Copper	ppm	52	14	14	23
Lead	ppm	0	<1	<1	0
Tin	ppm	3	<1	0	0
Aluminum	ppm	5	1	<1	<1
Chromium	ppm	11	3	2	2
Molybdenum	ppm	2	<1	0	<1
Nickel	ppm	3	1	<1	1
Titanium	ppm	<1	<1	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	8	3	2	5
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	92	30	54	57
Magnesium	ppm	2	0	0	0
Zinc	ppm	48	10	22	23
Phosphorus	ppm	2106	2145	1014	1002
Barium	ppm	0	0	0	0
Boron	ppm	196	258	142	44

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: VOLVO0264
Unique No: 10615780
Signed: Sean Felton
Report Date: 23 Aug 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

