



CONSTRUCTION EQUIPMENT

VOLVO A30F 12068 - FRONT AXLE



Sample No: VCP417116
Oil Type: VOLVO API GL-5 SAE 75W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP417116	VCP425687	VCP384777	VCP283690
Sample Date	28 Aug 2023	17 May 2023	29 Sep 2022	29 Sep 2020
Machine Hours	18975	18758	18108	16530
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	N/A	N/A
Sample Status	NORMAL	ATTENTION	NORMAL	NORMAL

SENECA MEADOWS
 1786 SALCMAN ROAD
 WATERLOO, NY
 US
 Contact: EDWARD BARTO
 ebarto@iesi.com
 T: (315)539-5624
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OIL CONDITION

Visc @ 40°C	cSt	53.2	54.4	58.9	120
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CONTAMINATION

Silicon	ppm	2	3	2	38
Sodium	ppm	3	2	2	2
Potassium	ppm	0	0	<1	0



WEAR METALS

Iron	ppm	18	41	23	86
Copper	ppm	1	<1	2	2
Lead	ppm	0	0	0	2
Tin	ppm	1	0	0	0
Aluminum	ppm	1	0	<1	7
Chromium	ppm	<1	0	<1	1
Molybdenum	ppm	<1	0	0	0
Nickel	ppm	0	0	<1	<1
Titanium	ppm	<1	<1	0	<1
Silver	ppm	0	0	0	<1
Manganese	ppm	<1	<1	<1	1
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	57	123	4	15
Magnesium	ppm	0	1	0	2
Zinc	ppm	0	25	2	6
Phosphorus	ppm	2515	2237	1957	1156
Barium	ppm	0	0	0	0
Boron	ppm	314	327	271	182

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: SENWAT
Unique No: 10629076
Signed: Sean Felton
Report Date: 31 Aug 2023



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GRAPHS

