



CONSTRUCTION EQUIPMENT

SWO-070876 VOLVO A30G 742048 - REAR AXLE



Sample No: VCP436279
Oil Type: GEAR OIL SAE 80W140
Job No: SWO-070876



SAMPLE INFORMATION

Sample Number	VCP436279	VCP415569	VCP380971	VCP376275
Sample Date	01 Apr 2024	31 Jul 2023	10 Jan 2023	10 Jul 2022
Machine Hours	9280	8911	8548	8263
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

WHITAKER CONTRACTING

692 CONVICT CAMP RD
 GUNTERVILLE, AL
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 Contact: BROTHER WHITAKER
 BrotherWhitaker@whitaker-contracting.com
 T: (256)298-3905
 F:



OIL CONDITION

Visc @ 40°C	cSt	242	244	242	247
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	3	3	3	1
Sodium	ppm	1	0	2	0
Potassium	ppm	2	0	0	0

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.



WEAR METALS

Iron	ppm	102	80	138	17
Copper	ppm	7	5	4	1
Lead	ppm	0	0	0	0
Tin	ppm	<1	0	0	<1
Aluminum	ppm	1	<1	<1	<1
Chromium	ppm	2	1	2	<1
Molybdenum	ppm	5	5	5	4
Nickel	ppm	<1	<1	1	<1
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	2	1	2	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	126	130	102	74
Magnesium	ppm	22	22	23	17
Zinc	ppm	79	79	40	43
Phosphorus	ppm	970	973	934	712
Barium	ppm	0	0	0	0
Boron	ppm	172	230	165	148

Depot: WHIGUN
Unique No: 10963666
Signed: Wes Davis
Report Date: 05 Apr 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

