



CONSTRUCTION EQUIPMENT

VOLVO A30G 742109 - TRANSMISSION (AUTO)



Sample No: VCP426247

Oil Type: DIESEL ENGINE OIL SAE 15W40

Job No:



SAMPLE INFORMATION

Sample Number	VCP426247	VCP411550	VCP418279	VCP417367
Sample Date	03 Oct 2023	25 Jul 2023	12 Jun 2023	11 Jun 2023
Machine Hours	9870	9526	9411	9411
Oil Hours	0	0	0	0
Oil Changed	N/A	Not Changd	Not Changd	Changed
Sample Status	NORMAL	NORMAL	ABNORMAL	SEVERE

RIPA AND ASSOCIATES

10149 FISHER AVENUE
TAMPA, FL
US 33619
Contact: PM Services
PMServices@ripaconstruction.com
T:
F:



OIL CONDITION

Visc @ 40°C	cSt	28.0	28.1	28.3	25.5
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CONTAMINATION

Silicon	ppm	4	4	2	6
Sodium	ppm	3	4	3	6
Potassium	ppm	0	<1	0	<1

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.



WEAR METALS

Iron	ppm	21	21	18	374
Copper	ppm	9	8	4	9
Lead	ppm	0	0	0	0
Tin	ppm	2	2	<1	0
Aluminum	ppm	14	12	11	4
Chromium	ppm	0	0	0	1
Molybdenum	ppm	0	<1	0	<1
Nickel	ppm	<1	<1	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	0	12
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	74	87	68	82
Magnesium	ppm	4	4	0	0
Zinc	ppm	2	11	0	53
Phosphorus	ppm	190	212	189	170
Barium	ppm	<1	0	0	0
Boron	ppm	88	91	90	38

Depot: RIPTAM
Unique No: 10699947
Signed: Sean Felton
Report Date: 19 Oct 2023



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GRAPHS

