



CONSTRUCTION EQUIPMENT

701266 RITCHIE VOLVO L120H 632683 - TRANSMISSION (AUTO)



Sample No: VCP446361
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 701266 RITCHIE



ALTA EQUIPMENT/FLAGLER EQUIPMENT LLC
 9601 BOGGY CREEK RD
 ORLANDO, FL
 US 32824
 Contact: Robert LaPlante
 robert.laplante@altg.com
 T: (407)508-9736
 F: (407)659-8720



SAMPLE INFORMATION

Sample Number	VCP446361	VCP431273	VCP434841	VCP420993
Sample Date	09 Apr 2024	16 Jan 2024	31 Aug 2023	11 May 2023
Machine Hours	5736	5187	4522	4061
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL



OIL CONDITION

Visc @ 40°C	cSt	27.9	27.6	28.0	26.1
-------------	-----	-------------	------	------	------



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	4	4	3	10
Sodium	ppm	3	3	1	4
Potassium	ppm	0	0	0	1



WEAR METALS

Iron	ppm	14	12	11	48
Copper	ppm	2	2	<1	5
Lead	ppm	0	0	0	<1
Tin	ppm	0	<1	0	<1
Aluminum	ppm	6	6	4	14
Chromium	ppm	<1	0	0	<1
Molybdenum	ppm	0	<1	0	1
Nickel	ppm	0	0	0	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	2	1	<1	5
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	75	96	76	100
Magnesium	ppm	<1	11	2	10
Zinc	ppm	13	23	1	20
Phosphorus	ppm	197	194	189	177
Barium	ppm	<1	<1	0	2
Boron	ppm	94	86	90	54

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.

Depot: VOLVO0096
Unique No: 10980903
Signed: Sean Felton
Report Date: 18 Apr 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

