



CONSTRUCTION EQUIPMENT

A11843 VOLVO L220H 2992 - TRANSMISSION (AUTO)



Sample No: VCP442535
Oil Type: MOBIL ATF
Job No: A11843



SAMPLE INFORMATION

Sample Number	VCP442535	VCP413719	VCP421960	VCP342654
Sample Date	08 Jan 2024	10 Aug 2023	10 May 2023	30 Jan 2023
Machine Hours	16170	14860	13949	13050
Oil Hours	4000	1000	0	2000
Oil Changed	Changed	Not Changd	N/A	Not Changd
Sample Status	ABNORMAL	ABNORMAL	ABNORMAL	ABNORMAL

WHEELABRATOR
 1201 NEW FORD MILL RD
 MORRISVILLE, PA
 US 19067
 Contact: FRANK BOLTON
 fbolton@wtienergy.com
 T: (215)428-7915
 F:



OIL CONDITION

Visc @ 40°C	cSt	26.0	26.6	28.0	26.9
-------------	-----	-------------	------	------	------



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	4	4	16	8
Sodium	ppm	4	3	2	3
Potassium	ppm	2	0	2	<1

Diagnosis

No corrective action is recommended at this time. Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor. The iron level is abnormal. All other 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	190	170	180	165
Copper	ppm	8	6	6	6
Lead	ppm	<1	0	0	<1
Tin	ppm	<1	<1	<1	<1
Aluminum	ppm	2	4	4	4
Chromium	ppm	1	1	1	<1
Molybdenum	ppm	<1	<1	2	2
Nickel	ppm	0	0	0	<1
Titanium	ppm	0	0	<1	<1
Silver	ppm	0	0	0	0
Manganese	ppm	4	4	3	3
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	116	126	116	123
Magnesium	ppm	10	10	13	8
Zinc	ppm	24	31	27	32
Phosphorus	ppm	214	209	196	196
Barium	ppm	0	0	0	<1
Boron	ppm	69	74	67	78

Depot: WHEMOR
Unique No: 10836612
Signed: Sean Felton
Report Date: 22 Jan 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

