



# CONSTRUCTION EQUIPMENT

## VOLVO L150H 5363 - TRANSMISSION (AUTO)



**Sample No:** VCP416558  
**Oil Type:** MOBIL MOBILTRANS AST 30  
**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP416558</b>	VCP393439	VCP409006	VCP366583
Sample Date	<b>30 Oct 2023</b>	07 Sep 2023	28 Jun 2023	17 Feb 2023
Machine Hours	<b>9233</b>	8999	8740	8239
Oil Hours	<b>1222</b>	988	740	250
Oil Changed	<b>Not Chngd</b>	Not Chngd	Not Chngd	Not Chngd
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

**MARYLAND ENVIRONMENTAL SERVICES**  
 21210 MARTINSBURG RD  
 DICKERSON, MD  
 US 20842  
 Contact: ALAN PARRISH  
 aparr@menv.com  
 T: (301)428-8185  
 F: (301)428-8311



### OIL CONDITION

Visc @ 40°C	cSt	<b>72.2</b>	72.4	74.0	75.1
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### CONTAMINATION

Silicon	ppm	<b>4</b>	4	4	5
Sodium	ppm	<b>3</b>	4	3	<1
Potassium	ppm	<b>0</b>	2	2	3

### 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	<b>78</b>	67	65	43
Copper	ppm	<b>2</b>	3	1	0
Lead	ppm	<b>&lt;1</b>	<1	0	2
Tin	ppm	<b>0</b>	<1	<1	<1
Aluminum	ppm	<b>&lt;1</b>	0	1	2
Chromium	ppm	<b>0</b>	<1	<1	<1
Molybdenum	ppm	<b>0</b>	<1	<1	<1
Nickel	ppm	<b>0</b>	0	<1	0
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	0	<1	0
Manganese	ppm	<b>&lt;1</b>	1	<1	<1
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>2156</b>	2282	2453	1959
Magnesium	ppm	<b>13</b>	16	16	18
Zinc	ppm	<b>943</b>	938	1017	856
Phosphorus	ppm	<b>760</b>	798	876	692
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>53</b>	47	51	39

**Depot:** MARDIC  
**Unique No:** 10729531  
**Signed:** Sean Felton  
**Report Date:** 09 Nov 2023

**VOLVO** **GRAPHS**

