



# CONSTRUCTION EQUIPMENT

## 134741 INT TRANSFER ALJON 600 30135 - REAR LEFT FINAL DRIVE



**Sample No:** VCP434138  
**Oil Type:** EP 320  
**Job No:** 134741 INT TRANSFER



### SAMPLE INFORMATION

Sample Number	<b>VCP434138</b>	VCP393248	VCP381230	VCP381215
Sample Date	<b>31 Oct 2023</b>	18 Jan 2023	09 Dec 2022	09 Dec 2022
Machine Hours	<b>2223</b>	512	187	184
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Changed</b>	Not Chngd	Changed	Changed
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

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### OIL CONDITION

Visc @ 40°C	cSt	<b>309</b>	331	336	301
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### CONTAMINATION

Silicon	ppm	<b>4</b>	2	<1	2
Sodium	ppm	<b>&lt;1</b>	5	<1	3
Potassium	ppm	<b>0</b>	23	1	9

### 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>157</b>	38	12	91
Copper	ppm	<b>3</b>	1	<1	4
Lead	ppm	<b>0</b>	4	0	0
Tin	ppm	<b>0</b>	1	0	0
Aluminum	ppm	<b>0</b>	0	0	<1
Chromium	ppm	<b>&lt;1</b>	1	0	<1
Molybdenum	ppm	<b>0</b>	1	0	<1
Nickel	ppm	<b>0</b>	<1	0	0
Titanium	ppm	<b>0</b>	<1	0	0
Silver	ppm	<b>0</b>	<1	0	0
Manganese	ppm	<b>1</b>	<1	<1	2
Vanadium	ppm	<b>0</b>	<1	0	0



### ADDITIVES

Calcium	ppm	<b>45</b>	64	3	15
Magnesium	ppm	<b>0</b>	12	0	1
Zinc	ppm	<b>13</b>	34	3	14
Phosphorus	ppm	<b>941</b>	300	909	903
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>203</b>	27	163	146

**Depot:** VOLVO0081  
**Unique No:** 10726660  
**Signed:** Don Baldrige  
**Report Date:** 06 Nov 2023



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## GRAPHS

