



# CONSTRUCTION EQUIPMENT

## 134741 INT TRANSFER ALJON 30135 - DIESEL ENGINE



**Sample No:** VCP434140  
**Oil Type:** NOT GIVEN  
**Job No:** 134741 INT TRANSFER



### SAMPLE INFORMATION

Sample Number	<b>VCP434140</b>	VCP423762	VCP424566	---
Sample Date	<b>31 Oct 2023</b>	25 Aug 2023	09 Jun 2023	---
Machine Hours	<b>2223</b>	1823	1392	---
Oil Hours	<b>0</b>	0	0	---
Oil Changed	<b>Changed</b>	Changed	Changed	---
Sample Status	<b>NORMAL</b>	NORMAL	MARGINAL	---

### ROMCO INC

1519 W BELTLINE  
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 US 75006

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### OIL CONDITION

Visc @ 100°C	cSt	<b>12.7</b>	12.6	12.4	---
Base Number (BN)	mg KOH/g	<b>8.0</b>	8.0	9.3	---
Oxidation (PA)	%	<b>69</b>	66	62	---

### CONTAMINATION

Soot %	%	<b>0.1</b>	0.1	0.1	---
Nitration (PA)	%	<b>63</b>	60	48	---
Sulfation (PA)	%	<b>63</b>	61	62	---
Glycol	%	<b>NEG</b>	NEG	NEG	---
Fuel	%	<b>&lt;1.0</b>	<1.0	▲ 3.3	---
Silicon	ppm	<b>11</b>	10	8	---
Sodium	ppm	<b>2</b>	2	<1	---
Potassium	ppm	<b>0</b>	2	2	---

### Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

### WEAR METALS

Iron	ppm	<b>5</b>	6	2	---
Copper	ppm	<b>2</b>	1	0	---
Lead	ppm	<b>&lt;1</b>	1	0	---
Tin	ppm	<b>&lt;1</b>	1	0	---
Aluminum	ppm	<b>3</b>	4	4	---
Chromium	ppm	<b>&lt;1</b>	<1	<1	---
Molybdenum	ppm	<b>126</b>	125	124	---
Nickel	ppm	<b>&lt;1</b>	<1	1	---
Titanium	ppm	<b>&lt;1</b>	<1	0	---
Silver	ppm	<b>0</b>	0	0	---
Manganese	ppm	<b>&lt;1</b>	1	<1	---
Vanadium	ppm	<b>&lt;1</b>	0	<1	---

### ADDITIVES

Calcium	ppm	<b>1521</b>	1629	1513	---
Magnesium	ppm	<b>683</b>	735	682	---
Zinc	ppm	<b>918</b>	928	844	---
Phosphorus	ppm	<b>678</b>	725	720	---
Barium	ppm	<b>0</b>	0	0	---
Boron	ppm	<b>238</b>	254	384	---

**Depot:** VOLVO0015  
**Unique No:** 10726088  
**Signed:** Wes Davis  
**Report Date:** 06 Nov 2023



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## GRAPHS

