



# CONSTRUCTION EQUIPMENT

9328 TOLSON ALJON 30131 - FRONT RIGHT FINAL DRIVE



**Sample No:** VCP412653  
**Oil Type:** SHELL SPIRAX HD 85W140  
**Job No:** 9328 TOLSON



## SAMPLE INFORMATION

Sample Number	<b>VCP412653</b>	VCP408887	VCP387935	VCP405215
Sample Date	<b>24 Jul 2023</b>	01 Jun 2023	17 Apr 2023	20 Feb 2023
Machine Hours	<b>1665</b>	1445	1162	861
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Changed</b>	Not Changd	Not Changd	Not Changd
Sample Status	<b>NORMAL</b>	ABNORMAL	NORMAL	ABNORMAL

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## OIL CONDITION

Visc @ 40°C	cSt	<b>293</b>	294	294	294
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## CONTAMINATION

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

### 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>317</b>	268	220	136
Copper	ppm	<b>7</b>	6	5	2
Lead	ppm	<b>0</b>	0	0	0
Tin	ppm	<b>0</b>	<1	0	0
Aluminum	ppm	<b>2</b>	<1	<1	<1
Chromium	ppm	<b>2</b>	2	2	<1
Molybdenum	ppm	<b>&lt;1</b>	<1	<1	0
Nickel	ppm	<b>&lt;1</b>	<1	0	0
Titanium	ppm	<b>&lt;1</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>3</b>	3	3	2
Vanadium	ppm	<b>&lt;1</b>	0	<1	0



## ADDITIVES

Calcium	ppm	<b>108</b>	141	136	108
Magnesium	ppm	<b>0</b>	0	1	6
Zinc	ppm	<b>43</b>	40	49	48
Phosphorus	ppm	<b>925</b>	1021	984	826
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>167</b>	191	231	225

**Depot:** PLECLA  
**Unique No:** 10586771  
**Signed:** Wes Davis  
**Report Date:** 04 Aug 2023

**VOLVO** GRAPHS

